even-Spray

2015 Catalogue

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To order call **1 800 665 3836** or **(204) 237 9095** or fax **(204) 231 0710**

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Some of the NEW Products in our 2015 Catalogue...

BANJO Mini Electric 12V Ball Valves
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Delavan 12V / 115V Pumps
Page 57

SUPER REEL Hose Reels
Page 86

ECO-TEA™ Engineered Compost Tea
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Terms & Conditions

Terms:

- Net 30 Days on approved accounts. 2% interest per month charged on overdue accounts.

Credit Cards:

- MasterCard and VISA gladly accepted at time of shipping or pick-up, however not for payment on account balances.

Minimum Invoice Charge $20.00 NET.

Prices:

- Subject to change without notice.
- All items subject to GST, PST, and HST, where applicable.
- All prices are Freight On Board (F.O.B.) our warehouse.

Return Policy:

- ALL Chemical sales are final – NO returns will be accepted.
- A RETURN GOODS AUTHORIZATION (RGA) number must accompany all other merchandise returns.
- Returned goods may be subject to a re-stocking charge.
- Special orders are not returnable.
- Contact order desk (ph. 204-237-9095 or fax 204-231-0710) to obtain RGA number.
- RGA items to be shipped freight prepaid to Even-Spray.
- Goods must be in original packaging and in re-salable condition.
- Information such as invoice or sales order number from our original shipment will help expedite the return process.

Warranty:

- Even-Spray & Chemicals will honour the original manufacturer's warranty.
- All products being shipped to Even-Spray & Chemicals for warranty assessment MUST be sent PREPAID to our Winnipeg warehouse. Products shipped collect to Even-Spray without prior approval will be refused.

Shipping:

- Orders received by 2:00 p.m. Manitoba time (CST) will be shipped same day providing stock and freight is available.
- Even-Spray will ship via the appropriate carrier prepaid and charge on invoices, unless specified by the customer.

Even-Spray & Chemicals Limited

Bay 2 – 851 Lagimodiere Boulevard
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R2J 3K4
T: (204) 237-9095 or 1-800-665-3836
F: (204) 231-0710
E: info@evenspray.com
W: www.evenspray.com

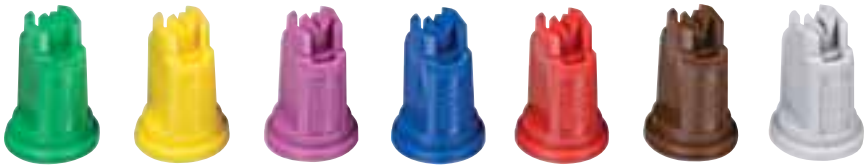
AIXR TeeJet® Air Induction XR Flat Spray Tips

Features:

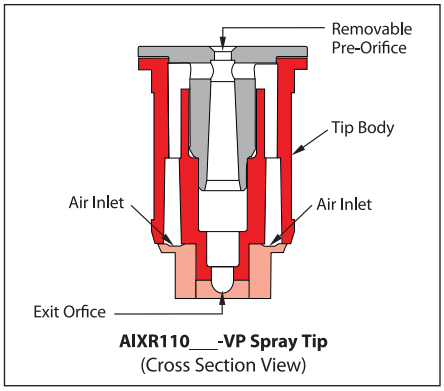
- 110º wide, tapered flat spray angle with air induction technology offers better dirft management.
- Made of a two-piece UHMWPE polymer construction with VisiFlo® color-coding. UHMPE provides excellent chemical resistance, inclucing acids, as well as exceptional wear life.
- Compact size to prevent tip damage.
- Depending on the chemical, produces large air-filled drops through a Venturi air aspirator.
- Removable pre-orifice.
- Available in seven tip capacities with a wide operating pressure range: 15-90 PSI (1-6 bar).
- Automatic alignment with QJ25611-* Cap.

PART	DESCRIPTION	PRICE (B)
TP110**	AIXR TeeJet Tip	**8.00**

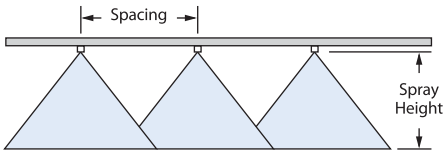
EXAMPLE: TP110-03AIXR



	PSI	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20″ GPA 4 MPH	GPA 5 MPH	GPA 6 MPH	GPA 8 MPH	GPA 10 MPH	GPA 12 MPH	GPA 15 MPH	GPA 20 MPH	GALLONS PER 1000 SQ. FT. 2 MPH	GALLONS PER 1000 SQ. FT. 3 MPH	GALLONS PER 1000 SQ. FT. 4 MPH	GALLONS PER 1000 SQ. FT. 5 MPH
TP110015AIXR (100)	15	0.092	12	6.8	5.5	4.6	3.4	2.7	2.3	1.8	1.4	0.31	0.21	0.16	0.13
	20	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15
	30	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18
	40	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20
	50	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	60	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
	75	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29
	90	0.23	29	17.1	13.7	11.4	8.5	6.8	5.7	4.6	3.4	0.78	0.52	0.39	0.31
TP11002AIXR (50)	15	0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16
	20	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19
	30	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	40	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27
	50	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	60	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33
	75	0.27	35	20	16.0	13.4	10.0	8.0	6.7	5.3	4.0	0.92	0.61	0.46	0.37
	90	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
TP110025AIXR (50)	15	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20
	20	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
	30	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	40	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34
	50	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	60	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42
	75	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46
	90	0.38	49	28	23	18.8	14.1	11.3	9.4	7.5	5.6	1.3	0.86	0.65	0.52
TP11003AIXR (50)	15	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
	20	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29
	30	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35
	40	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
	50	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46
	60	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50
	75	0.41	52	30	24	20	15.2	12.2	10.1	8.1	6.1	1.4	0.93	0.70	0.56
	90	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
TP11004AIXR (50)	15	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33
	20	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	30	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	40	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54
	50	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
	60	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67
	75	0.55	70	41	33	27	20	16.3	13.6	10.9	8.2	1.9	1.2	0.94	0.75
	90	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
TP11005AIXR (50)	15	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42
	20	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	30	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58
	40	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68
	50	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76
	60	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83
	75	0.68	87	50	40	34	25	20	16.8	13.5	10.1	2.3	1.5	1.2	0.92
	90	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0
TP11006AIXR (50)	15	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50
	20	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57
	30	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71
	40	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
	50	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91
	60	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99
	75	0.82	105	61	49	41	30	24	20	16.2	12.2	2.8	1.9	1.4	1.1
	90	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2



AIXR110___-VP Spray Tip
(Cross Section View)



CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
GOOD	EXCELLENT	EXCELLENT

Optimum Spray Height

	20″
110°	20″

TeeJet®

XR TeeJet®

Features:

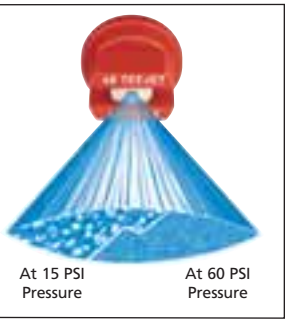
- Excellent spray distribution over a wide range of pressures—15–60 PSI.
- Ideal for rigs equipped with sprayer controllers.
- Reduces drift at lower pressures, better coverage at higher pressures.
- Automatic spray alignment with QJ25611* Quick TeeJet® cap.
- Automatic spray alignment for sizes 10 and 15 with QJ25609* Quick TeeJet cap.

XR Visiflo 80°

PART	DESCRIPTION	PRICE (B)
TP80-01XR	XR Tip SS 80°	**7.70**
TP80-02XR	XR Tip SS 80°	**7.70**
TP80-025XR	XR Tip SS 80°	**7.70**
TP80-03XR	XR Tip SS 80°	**7.70**
TP80-035XR	XR Tip SS 80°	**7.70**
TP80-04XR	XR Tip SS 80°	**7.70**
TP80-05XR	XR Tip SS 80°	**7.70**
TP80-06XR	XR Tip SS 80°	**7.70**
TP80-08XR	XR Tip SS 80°	**7.70**
TP80-10XRSS	XR Tip All SS 80°	**9.15**
TP80-15XRSS	XR Tip All SS 80°	**9.15**

XR Visiflo 110°

PART	DESCRIPTION	PRICE (B)
TP110-025VK	XR Ceramic 110°	**5.95**
TP110-01XR	XR Tip SS 110°	**7.70**
TP110-015XR	XR Tip SS 110°	**7.70**
TP110-02XR	XR Tip SS 110°	**7.70**
TP110-03XR	XR Tip SS 110°	**7.70**
TP110-04XR	XR Tip SS 110°	**7.70**
TP110-05XR	XR Tip SS 110°	**7.70**
TP110-06XR	XR Tip SS 110°	**7.70**
TP110-08XR	XR Tip SS 110°	**7.70**
TP110-10XRSS	XR Tip All SS 110°	**9.15**
TP110-15XRSS	XR Tip All SS 110°	**9.15**



PLEASE NOTE: NEW SIZED XR SPRAY TIPS "TP80-025XR" AND "TP80-035XR" NOT SHOWN IN SPRAY TIP PERFORMANCE CHART BELOW. PLEASE CONTACT OUR OFFICE FOR ADDITIONAL INFORMATION.

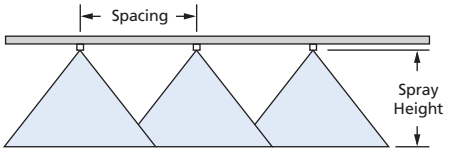
	PSI	DROP SIZE 80°	DROP SIZE 110°	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20" GPA 4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	GALLONS PER 1000 SQ. FT. 2 MPH	3 MPH	4 MPH	5 MPH
TP8001XR TP11001XR 100 M	15	M	F	0.061	7.8	4.5	3.6	3.0	2.3	1.8	1.5	1.2	0.91	0.21	0.14	0.10	0.08
	20	F	F	0.071	9.1	5.3	4.2	3.5	2.6	2.1	1.8	1.4	1.1	0.24	0.16	0.12	0.10
	30	F	F	0.087	11	6.5	5.2	4.3	3.2	2.6	2.2	1.7	1.3	0.30	0.20	0.15	0.12
	40	F	F	0.10	13	7.4	5.9	5.0	3.7	3.0	2.5	2.0	1.5	0.34	0.23	0.17	0.14
	50	F	VF	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15
	60	F	VF	0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16
TP80015XR TP110015XR 100 M	15	M	F	0.092	12	6.8	5.5	4.6	3.4	2.7	2.3	1.8	1.4	0.31	0.21	0.16	0.13
	20	M	F	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15
	30	F	F	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18
	40	F	F	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20
	50	F	F	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	60	F	F	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
TP8002XR TP11002XR 50 M	15	M	M	0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16
	20	M	M	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19
	30	M	F	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	40	F	F	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27
	50	F	F	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	60	F	F	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33
TP110025VK 50 M	15		M	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20
	20		M	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
	30		F	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	40		F	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34
	50		F	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	60		F	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42
TP8003XR TP11003XR 50 M	15	M	M	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
	20	M	M	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29
	30	M	F	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35
	40	M	F	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
	50	M	F	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46
	60	F	F	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50
TP8004XR TP11004XR 50 M	15	C	M	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33
	20	C	M	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	1.0	0.63	0.48	0.38
	30	M	M	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	40	M	M	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54
	50	M	F	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
	60	M	F	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67
TP8005XR TP11005XR 50 M	15	C	M	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42
	20	C	M	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	30	C	M	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58
	40	M	M	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68
	50	M	M	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76
	60	M	F	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83
TP8006XR TP11006XR 50 M	15	C	C	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50
	20	C	C	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	1.0	0.71	0.57
	30	C	M	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71
	40	C	M	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
	50	C	M	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91
	60	C	M	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99
TP8008XR TP11008XR 50 M	15	VC	C	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67
	20	VC	C	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78
	30	C	C	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94
	40	C	C	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.1
	50	C	M	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2
	60	C	M	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3
TP8010XRSS TP11010XRSS†	15			0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83
	20			0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97
	30			0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2
	40			1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4
	50			1.12	143	83	67	55	42	33	28	22	16.6	3.8	2.5	1.9	1.5
	60			1.22	156	91	72	60	45	36	30	24	18.1	4.1	2.8	2.1	1.7
TP8015XRSS TP11015XRSS†	15			0.92	118	68	55	46	34	27	23	18.2	13.7	3.1	2.1	1.6	1.3
	20			1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4
	30			1.30	166	97	77	64	48	39	32	26	19.3	4.4	2.9	2.2	1.8
	40			1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0
	50			1.68	215	125	100	83	62	50	42	33	25	5.7	3.8	2.9	2.3
	60			1.84	236	137	109	91	68	55	46	36	27	6.3	4.2	3.1	2.5

Note: Always double check your application rates.
Tabulations are based on spraying water at 70°F (21°C).
†Available in all stainless steel only.

Very Fine · Fine · Medium · Coarse · Very Coarse · Extremely Coarse

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
EXCELLENT	GOOD	GOOD
GOOD*	VERY GOOD*	VERY GOOD*

*At pressures below 30 PSI (2.0 bar)

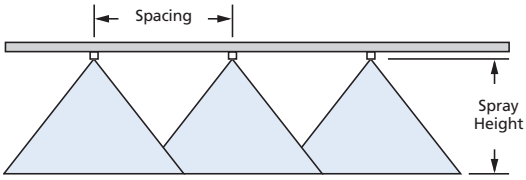


Optimum Spray Height

80°	30"
110°	20"

even-Spray 1 800 665 3836

TeeJet® VisiFlo® Flat Spray Tips



	PSI	DROP SIZE 80°	DROP SIZE 110°	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	GPA 4 MPH	GPA 5 MPH	GPA 6 MPH	GPA 8 MPH	GPA 10 MPH	GPA 12 MPH	GPA 15 MPH	GPA 20 MPH	GALLONS PER 1000 SQ. FT. 2 MPH	GALLONS PER 1000 SQ. FT. 3 MPH	GALLONS PER 1000 SQ. FT. 4 MPH	GALLONS PER 1000 SQ. FT. 5 MPH
TP650050 TP800050 TP1100050 (100)	30			0.043	5.5	3.2	2.6	2.1	1.6	1.3	1.1	0.85	0.64	0.15	0.10	0.07	0.06
	35			0.047	6.0	3.5	2.8	2.3	1.7	1.4	1.2	0.93	0.70	0.16	0.11	0.08	0.06
	40			0.050	6.4	3.7	3.0	2.5	1.9	1.5	1.2	0.99	0.74	0.17	0.11	0.09	0.07
	50			0.056	7.2	4.2	3.3	2.8	2.1	1.7	1.4	1.1	0.83	0.19	0.13	0.10	0.08
	60			0.061	7.8	4.5	3.6	3.0	2.3	1.8	1.5	1.2	0.91	0.21	0.14	0.10	0.08
TP650067 TP800067 TP1100067 (100)	30			0.058	7.4	4.3	3.4	2.9	2.2	1.7	1.4	1.1	0.86	0.20	0.13	0.10	0.08
	35			0.063	8.1	4.7	3.7	3.1	2.3	1.9	1.6	1.2	0.94	0.21	0.14	0.11	0.09
	40			0.067	8.6	5.0	4.0	3.3	2.5	2.0	1.7	1.3	0.99	0.23	0.15	0.11	0.09
	50			0.075	9.6	5.6	4.5	3.7	2.8	2.2	1.9	1.5	1.1	0.26	0.17	0.13	0.10
	60			0.082	10	6.1	4.9	4.1	3.0	2.4	2.0	1.6	1.2	0.28	0.19	0.14	0.11
TP8001VS TP11001VS (100)	30	F	F	0.087	11	6.5	5.2	4.3	3.2	2.6	2.2	1.7	1.3	0.30	0.20	0.15	0.12
	35	F	F	0.094	12	7.0	5.6	4.7	3.5	2.8	2.3	1.9	1.4	0.32	0.21	0.16	0.13
	40	F	F	0.10	13	7.4	5.9	5.0	3.7	3.0	2.5	2.0	1.5	0.34	0.23	0.17	0.14
	50	F	VF	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15
	60	F	VF	0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16
TP80015VS TP110015VS (100)	30	F	F	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18
	35	F	F	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19
	40	F	F	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20
	50	F	F	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	60	F	F	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
TP8002VS TP11002VS (50)	30	M	F	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	35	M	F	0.19	24	14.1	11.3	9.4	7.1	5.6	4.7	3.8	2.8	0.65	0.43	0.32	0.26
	40	F	F	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27
	50	F	F	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	60	F	F	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33
TP8003VS TP11003VS (50)	30	M	F	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35
	35	M	F	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	40	M	F	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
	50	M	F	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46
	60	F	F	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50
TP8004VS TP11004VS (50)	30	M	M	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	35	M	M	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50
	40	M	M	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54
	50	M	F	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
	60	M	F	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67
TP8005VS TP11005VS (50)	30	C	M	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58
	35	M	M	0.47	60	35	28	23	17.4	14.0	11.6	9.3	7.0	1.6	1.1	0.80	0.64
	40	M	M	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68
	50	M	M	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76
	60	M	F	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83
TP8006VS TP11006VS (50)	30	C	M	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71
	35	C	M	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76
	40	C	M	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
	50	C	M	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91
	60	C	M	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99
TP8008VS TP11008VS (50)	30	C	C	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94
	35	C	C	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0
	40	C	C	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.1
	50	C	M	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2
	60	C	M	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3
TP8010SS	30			0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2
	35			0.94	120	70	56	47	35	28	23	18.6	14.0	3.2	2.1	1.6	1.3
	40			1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4
	50			1.12	143	83	67	55	42	33	28	22	16.6	3.8	2.5	1.9	1.5
	60			1.22	156	91	72	60	45	36	30	24	18.1	4.1	2.8	2.1	1.7
TP8015SS	30			1.30	166	97	77	64	48	39	32	26	19.3	4.4	2.9	2.2	1.8
	35			1.40	179	104	83	69	52	42	35	28	21	4.8	3.2	2.4	1.9
	40			1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0
	50			1.68	215	125	100	83	62	50	42	33	25	5.7	3.8	2.9	2.3
	60			1.84	236	137	109	91	68	55	46	36	27	6.3	4.2	3.1	2.5
TP8020SS	30			1.73	221	128	103	86	64	51	43	34	26	5.9	3.9	2.9	2.4
	35			1.87	239	139	111	93	69	56	46	37	28	6.4	4.2	3.2	2.5
	40			2.00	256	149	119	99	74	59	50	40	30	6.8	4.5	3.4	2.7
	50			2.24	287	166	133	111	83	67	55	44	33	7.6	5.1	3.8	3.0
	60			2.45	314	182	146	121	91	73	61	49	36	8.3	5.6	4.2	3.3

Very Fine · Fine · Medium · Coarse · Very Coarse · Extremely Coarse

	20″
65°	35″
80°	30″
110°	20″

Features

- Tapered edge flat spray pattern for uniform coverage in broadcast spraying.
- Visiflo color-coded version available in stainless steel, ceramic and polymer in 80° or 110° spray angles in selected sizes.
- Available in ceramic 80° capacities 01-03 and 110° capacities 01-02.
- Automatic spray alignment with QJ25611* cap.
- Automatic spray alignment for sizes 10 thru 20 with QJ25609* cap.

PART	DESCRIPTION	PRICE (B)
TP80**VS	Visiflo Tip 80°	**6.85**
TP110**VS	Visiflo Tip 110°	**6.85**
TP**-0050	Brass Tip Size 0050	**4.65**
TP**-0050SS	Stainless Size 0050/0067	**26.45**
TP****	Brass Tip Size 067 to 20	**4.65**
TP****SS	Stainless Tip Size 01 to 20	**11.85**

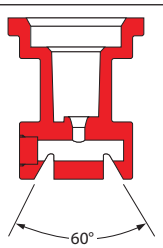
TeeJet®

Turbo TwinJet® Twin Flat Spray Tips

Twin style flat spray tips are best suited for broadcast spraying where superior leaf coverage and canopy penetration is important. Whether applying fungicides, insecticides, or contact herbicides, twin flat spray tips are an excellent choice. Here are some of the features of the TeeJet Turbo TwinJet flat spray tips:

- Dual outlet design produces two 110˚ flat fan spray patterns using the patented technology from the Turbo TeeJet nozzle. The angle between each spray pattern is 60˚ forward and backward.
- Best suited for broadcast spraying where superior leaf coverage and canopy penetration is important.
- Droplet size range is slightly larger than for the same capacity of Turbo TeeJet nozzle providing drift-reducing properties with increased coverage and penetration.
- Molded polymer for excellent chemical and wear resistance.
- Available in six VisiFlo® colour-coded capacities with pressure ranges from 20 – 90 PSI.
- Ideal for use with automatic sprayer controllers.
- Automatic spray alignment with QJ25611-* cap.

PART	DESCRIPTION	PRICE (B)
TTP110**TTJ60	Turbo TwinJet spray tip	8.70

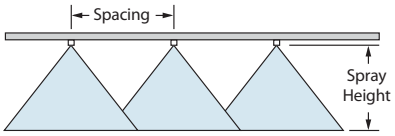


TTJ60-110___VP Spray Tip
(Cross Section View)

	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20″ GPA 4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	GALLONS PER 1000 SQ. FT. 2 MPH	3 MPH	4 MPH	5 MPH
02 YELLOW (100)	20	C	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19
	30	C	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	40	C	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27
	50	M	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	60	M	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33
	70	M	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35
	80	M	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	90	M	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
025 VIOLET (100)	20	VC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
	30	C	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	40	C	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34
	50	C	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	60	C	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42
	70	M	0.33	42	25	19.6	16.3	12.3	9.8	8.2	6.5	4.9	1.1	0.75	0.56	0.45
	80	M	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	90	M	0.38	49	28	23	18.8	14.1	11.3	9.4	7.5	5.6	1.3	0.86	0.65	0.52
03 BLUE (100)	20	VC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29
	30	C	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35
	40	C	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
	50	C	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46
	60	C	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50
	70	C	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54
	80	M	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57
	90	M	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
04 RED (50)	20	VC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	30	C	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	40	C	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54
	50	C	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
	60	C	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67
	70	C	0.53	68	39	31	26	19.7	15.7	13.1	10.5	7.9	1.8	1.2	0.90	0.72
	80	C	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78
	90	M	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
05 BROWN (50)	20	VC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	30	C	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58
	40	C	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68
	50	C	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76
	60	C	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83
	70	C	0.66	84	49	39	33	25	19.6	16.3	13.1	9.8	2.2	1.5	1.1	0.90
	80	C	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97
	90	C	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0
06 GRAY (50)	20	XC	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57
	30	VC	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71
	40	C	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
	50	C	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91
	60	C	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99
	70	C	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1
	80	C	0.85	109	63	50	42	32	25	21	16.8	12.6	2.9	1.9	1.4	1.2
	90	C	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
EXCELLENT	EXCELLENT	VERY GOOD
VERY GOOD*	EXCELLENT*	EXCELLENT*

*At pressures below 30 PSI (2.0 bar)



Optimum Spray Height

110°	20″

TeeJet®

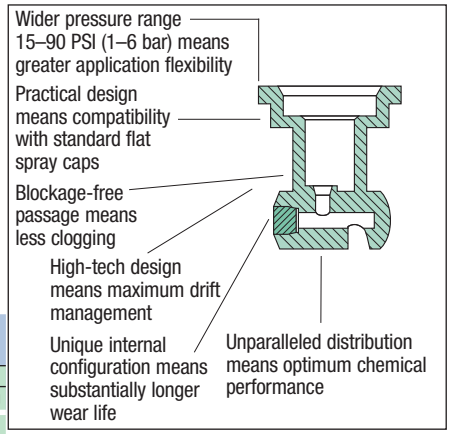
Turbo TeeJet®

Features

- Tapered edge wide angle flat spray pattern for uniform coverage in broadcast spraying.
- Large, rounded internal passage to minimize clogging.
- Excellent resistance to corrosive solutions.
- Superior wear characteristics.
- Larger droplets for less drift. (15-90)PSI.
- Fits QJ25611-* cap (sold separately).

TeeJet Turbo Tips

PART	DESCRIPTION	PRICE (B)
TP110-01TTVP	Turbo Tip Orange	7.25
TP110-015TTVP	Turbo Tip Green	7.25
TP110-02TTVP	Turbo Tip Yellow	7.25
TP110-025TTVP	Turbo Tip Pink	7.25
TP110-03TTVP	Turbo Tip Blue	7.25
TP110-04TTVP	Turbo Tip Red	7.25
TP110-05TTVP	Turbo Tip Brown	7.25
TP110-06TTVP	Turbo Tip Grey	7.25
TP110-08TTVP	Turbo Tip White	7.25

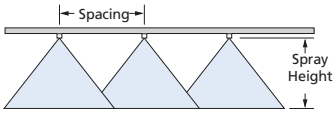

Wider pressure range 15–90 PSI (1–6 bar) means greater application flexibility
Practical design means compatibility with standard flat spray caps
Blockage-free passage means less clogging
High-tech design means maximum drift management
Unique internal configuration means substantially longer wear life
Unparalleled distribution means optimum chemical performance

	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20″ U.S. GPA 4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	GALLONS PER 1000 SQ. FT. 2 MPH	3 MPH	4 MPH	5 MPH
TP11001TTVP 100 M	15	C	0.061	7.8	4.5	3.6	3.0	2.3	1.8	1.5	1.2	0.91	0.21	0.14	0.10	0.08
	20	M	0.071	9.1	5.3	4.2	3.5	2.6	2.1	1.8	1.4	1.1	0.24	0.16	0.12	0.10
	30	M	0.087	11	6.5	5.2	4.3	3.2	2.6	2.2	1.7	1.3	0.30	0.20	0.15	0.12
	40	M	0.10	13	7.4	5.9	5.0	3.7	3.0	2.5	2.0	1.5	0.34	0.23	0.17	0.14
	50	F	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15
	60	F	0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16
	75	F	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19
	90	F	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20
TP110015TTVP 100 M	15	C	0.092	12	6.8	5.5	4.6	3.4	2.7	2.3	1.8	1.4	0.31	0.21	0.16	0.13
	20	C	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15
	30	M	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18
	40	M	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20
	50	M	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	60	M	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
	75	F	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29
	90	F	0.23	29	17.1	13.7	11.4	8.5	6.8	5.7	4.6	3.4	0.78	0.52	0.39	0.31
TP11002TTVP 50 M	15	C	0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16
	20	C	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19
	30	M	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	40	M	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27
	50	M	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	60	M	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33
	75	M	0.27	35	20	16.0	13.4	10.0	8.0	6.7	5.3	4.0	0.92	0.61	0.46	0.37
	90	F	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
TP110025TTVP 50 M	15	VC	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20
	20	C	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
	30	C	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	40	M	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34
	50	M	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	60	M	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42
	75	M	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46
	90	F	0.38	49	28	23	18.8	14.1	11.3	9.4	7.5	5.6	1.3	0.86	0.65	0.52
TP11003TTVP 50 M	15	VC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
	20	VC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29
	30	C	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35
	40	C	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
	50	M	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46
	60	M	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50
	75	M	0.41	52	30	24	20	15.2	12.2	10.1	8.1	6.1	1.4	0.93	0.70	0.56
	90	M	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
TP11004TTVP 50 M	15	XC	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33
	20	VC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	30	C	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	40	C	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54
	50	C	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
	60	C	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67
	75	M	0.55	70	41	33	27	20	16.3	13.6	10.9	8.2	1.9	1.2	0.94	0.75
	90	M	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
TP11005TTVP 50 M	15	XC	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42
	20	VC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	30	VC	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58
	40	C	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68
	50	C	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76
	60	C	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83
	75	C	0.68	87	50	40	34	25	20	16.8	13.5	10.1	2.3	1.5	1.2	0.92
	90	M	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0
TP11006TTVP 50 M	15	XC	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50
	20	XC	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57
	30	VC	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71
	40	C	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
	50	C	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91
	60	C	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99
	75	C	0.82	105	61	49	41	30	24	20	16.2	12.2	2.8	1.9	1.4	1.1
	90	M	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2
TP11008TTVP 50 M	15	XC	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67
	20	XC	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78
	30	VC	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94
	40	VC	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.1
	50	C	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2
	60	C	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3
	75	C	1.10	141	82	65	54	41	33	27	22	16.3	3.7	2.5	1.9	1.5
	90	M	1.20	154	89	71	59	45	36	30	24	17.8	4.1	2.7	2.0	1.6

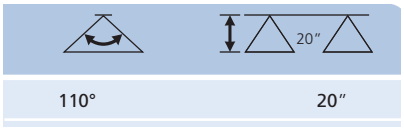
Very Fine · Fine · Medium · Coarse · Very Coarse · Extremely Coarse

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
VERY GOOD	VERY GOOD	VERY GOOD
GOOD*	EXCELLENT*	VERY GOOD*

*At pressures below 30 PSI (2.0 bar)



Optimum Spray Height



TeeJet®

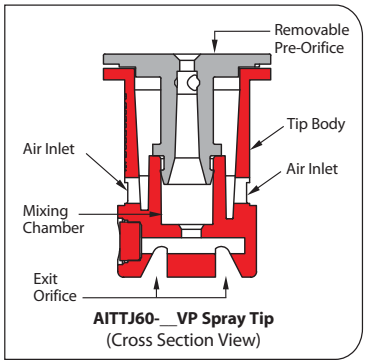
Air Induction Turbo TwinJet® Twin Flat Spray Tips

Air Induction Twin style flat spray tips are suited for broadcast spraying when leaf coverage and canopy penetration are desired, but drift management is important. Excellent for applying systemic fungicides and insecticides, or post-emergent herbicides, Air Induction twin flat spray tips are the right choice. TeeJet Air Induction Turbo TwinJet flat spray tips features include:

- Air induction with dual 110º flat fan spray pattern.
- 60º angle between leading and trailing spray pattern.
- Good leaf coverage and canopy penetration and best drift control.
- Excellent drift control with coarse to very coarse droplets.
- Available in nine VisiFlo® colour-coded capacities with pressure ranges from 20 – 90 PSI.
- Automatic spray alignment with QJ25598-* cap for 02 to 06 tip sizes only. For spray tip sizes 08, 10, and 15, use QJ98578-1NY cap.

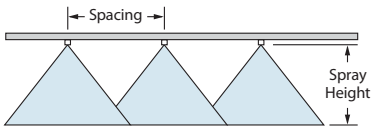
PART	DESCRIPTION	PRICE (B)
TP110**AITTJ60	Air Induction Turbo TwinJet spray tip	9.00

	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	GPA (20″) 4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	GALLONS PER 1000 SQ. FT. 2 MPH	3 MPH	4 MPH	5 MPH
02 YELLOW (100)	20	XC	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19
	30	VC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	40	VC	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27
	50	C	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	60	C	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33
	70	C	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35
	80	C	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	90	C	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
025 VIOLET (100)	20	XC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
	30	VC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	40	VC	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34
	50	C	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	60	C	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42
	70	C	0.33	42	25	19.6	16.3	12.3	9.8	8.2	6.5	4.9	1.1	0.75	0.56	0.45
	80	C	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	90	C	0.38	49	28	23	18.8	14.1	11.3	9.4	7.5	5.6	1.3	0.86	0.65	0.52
03 BLUE (100)	20	UC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29
	30	XC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35
	40	VC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
	50	VC	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46
	60	C	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50
	70	C	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54
	80	C	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57
	90	C	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
04 RED (50)	20	UC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	30	XC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	40	VC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54
	50	VC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
	60	C	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67
	70	C	0.53	68	39	31	26	19.7	15.7	13.1	10.5	7.9	1.8	1.2	0.90	0.72
	80	C	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78
	90	C	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
05 BROWN (50)	20	UC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	30	XC	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58
	40	XC	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68
	50	VC	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76
	60	VC	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83
	70	C	0.66	84	49	39	33	25	19.6	16.3	13.1	9.8	2.2	1.5	1.1	0.90
	80	C	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97
	90	C	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0
06 GRAY (50)	20	UC	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57
	30	XC	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71
	40	XC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
	50	VC	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91
	60	VC	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99
	70	C	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1
	80	C	0.85	109	63	50	42	32	25	21	16.8	12.6	2.9	1.9	1.4	1.2
	90	C	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2
08 WHITE (50)	20	UC	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78
	30	UC	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94
	40	XC	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.09
	50	XC	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2
	60	VC	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3
	70	VC	1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4
	80	VC	1.13	145	84	67	56	42	34	28	22	16.8	3.8	2.6	1.9	1.5
	90	C	1.20	154	89	71	59	45	36	30	24	17.8	4.1	2.7	2.0	1.6
10 LIGHT BLUE (50)	20	UC	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97
	30	UC	0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2
	40	UC	1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4
	50	XC	1.12	143	83	67	55	42	33	28	22	16.6	3.8	2.5	1.9	1.5
	60	XC	1.22	156	91	72	60	45	36	30	24	18.1	4.1	2.8	2.1	1.7
	70	XC	1.32	169	98	78	65	49	39	33	26	19.6	4.5	3.0	2.2	1.8
	80	XC	1.41	180	105	84	70	52	42	35	28	21	4.8	3.2	2.4	1.9
	90	VC	1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0
15 GREEN (50)	20	UC	1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4
	30	UC	1.30	166	97	77	64	48	39	32	26	19.3	4.4	2.9	2.2	1.8
	40	UC	1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0
	50	XC	1.68	215	125	100	83	62	50	42	33	25	5.7	3.8	2.9	2.3
	60	XC	1.84	236	137	109	91	68	55	46	36	27	6.3	4.2	3.1	2.5
	70	XC	1.98	253	147	118	98	74	59	49	39	29	6.7	4.5	3.4	2.7
	80	VC	2.12	271	157	126	105	79	63	52	42	31	7.2	4.8	3.6	2.9
	90	VC	2.25	288	167	134	111	84	67	56	45	33	7.7	5.1	3.8	3.1

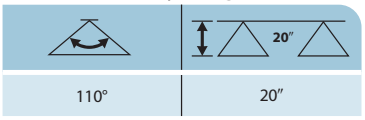


AITTJ60-__VP Spray Tip
(Cross Section View)

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
GOOD	EXCELLENT	EXCELLENT



Optimum Spray Height



TeeJet® Turbo TeeJet Induction Spray Tips

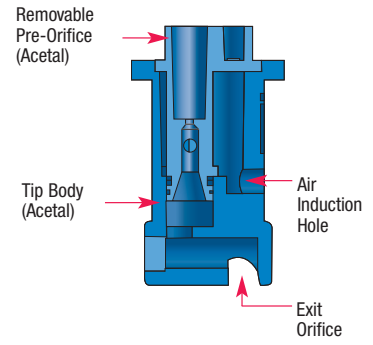
Features

- All acetal construction for excellent chemical and wear resistance.
- Compact size to prevent tip damage.
- Removable pre-orifice for fast and easy cleaning.
- Large, round passages to minimize plugging.
- Tapered flat spray pattern.
- Patented orifice design.
- Large droplets are produced through a venturi air aspirator resulting in less drift.
- Wider operating pressure range: 15-100 PSI.
- Fits into QJ25597-* Quick TeeJet® cap (sold separately).

PART	DESCRIPTION	PRICE (B)
TP110**TTIVP	Turbo TwinJet	**8.00**

Available in Sizes: 015, 02, 025, 03, 04, 05, 06

TTI110___VP SPRAY TIP (Cross Section View)



	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20" GPA 4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	GALLONS PER 1000 SQ. FT. 2 MPH	3 MPH	4 MPH	5 MPH
TT110015TTIVP (100 Mesh)	15	XC	0.092	12	6.8	5.5	4.6	3.4	2.7	2.3	1.8	1.4	0.31	0.21	0.16	0.13
	20	XC	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15
	30	XC	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18
	40	XC	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20
	50	XC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	60	XC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
	70	XC	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27
	80	XC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29
	90	XC	0.23	29	17.1	13.7	11.4	8.5	6.8	5.7	4.6	3.4	0.78	0.52	0.39	0.31
	100	XC	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33
TP11002TTIVP (50 Mesh)	15	XC	0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16
	20	XC	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19
	30	XC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	40	XC	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27
	50	XC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	60	XC	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33
	70	XC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35
	80	XC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	90	XC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
	100	XC	0.32	41	24	19.0	15.8	11.9	9.5	7.9	6.3	4.8	1.1	0.73	0.54	0.44
TP110025TTIVP (50 Mesh)	15	XC	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20
	20	XC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
	30	XC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	40	XC	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34
	50	XC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	60	XC	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42
	70	XC	0.33	42	25	19.6	16.3	12.3	9.8	8.2	6.5	4.9	1.1	0.75	0.56	0.45
	80	XC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	90	XC	0.38	49	28	23	18.8	14.1	11.3	9.4	7.5	5.6	1.3	0.86	0.65	0.52
	100	XC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54
TP11003TTIVP (50 Mesh)	15	XC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
	20	XC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29
	30	XC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35
	40	XC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
	50	XC	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46
	60	XC	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50
	70	XC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54
	80	XC	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57
	90	XC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
	100	XC	0.47	60	35	28	23	17.4	14.0	11.6	9.3	7.0	1.6	1.1	0.80	0.64
TP11004TTIVP (50 Mesh)	15	XC	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33
	20	XC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	30	XC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	40	XC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54
	50	XC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
	60	XC	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67
	70	XC	0.53	68	39	31	26	19.7	15.7	13.1	10.5	7.9	1.8	1.2	0.90	0.72
	80	XC	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78
	90	XC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
	100	XC	0.63	81	47	37	31	23	18.7	15.6	12.5	9.4	2.1	1.4	1.1	0.86
TP11005TTIVP (50 Mesh)	15	XC	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42
	20	XC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	30	XC	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58
	40	XC	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68
	50	XC	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76
	60	XC	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83
	70	XC	0.66	84	49	39	33	25	19.6	16.3	13.1	9.8	2.2	1.5	1.1	0.90
	80	XC	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97
	90	XC	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0
	100	XC	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1
TP11006TTIVP (50)	15	XC	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50
	20	XC	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57
	30	XC	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71
	40	XC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
	50	XC	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91
	60	XC	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99
	70	XC	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1
	80	XC	0.85	109	63	50	42	32	25	21	16.8	12.6	2.9	1.9	1.4	1.2
	90	XC	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2
	100	XC	0.95	122	71	56	47	35	28	24	18.8	14.1	3.2	2.2	1.6	1.3

Very Fine · Fine · Medium · Coarse · Very Coarse · Extremely Coarse

TeeJet®

AI TeeJet®

Air Induction Tips

PART	DESCRIPTION	PRICE (B)
TP110-015AIVS	Air Induction Tip 110°	**14.70**
TP110-02AIVS	Air Induction Tip 110°	**14.70**
TP110-025AIVS	Air Induction Tip 110°	**14.70**
TP110-03AIVS	Air Induction Tip 110°	**14.70**

PART	DESCRIPTION	PRICE (B)
TP110-04AIVS	Air Induction Tip 110°	**14.70**
TP110-05AIVS	Air Induction Tip 110°	**14.70**
TP110-06AIVS	Air Induction Tip 110°	**14.70**
TP110-08AIVS	Air Induction Tip 110°	**14.70**

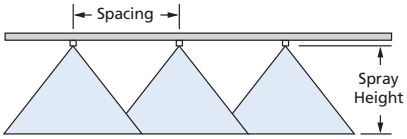
Features:

- Stainless steel insert produces tapered edge flat spray pattern for uniform coverage in broadcast spraying.
- Polymer insert holder and pre-orifice with VisiFlo® color-coding.
- Larger droplets for less drift.
- Depending on the chemical, produces large air-filled drops through the use of Venturi air aspirator.
- Automatic spray alignment with QJ25597* Quick TeeJet® cap.

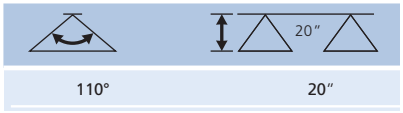
	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20″ GPA 4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	GALLONS PER 1000 SQ. FT. 2 MPH	3 MPH	4 MPH	5 MPH
TP110015AIVS (100)	30	VC	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18
	40	VC	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20
	50	VC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	60	C	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
	70	C	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27
	80	C	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29
	90	C	0.23	29	17.1	13.7	11.4	8.5	6.8	5.7	4.6	3.4	0.78	0.52	0.39	0.31
	100	C	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33
TP11002AIVS (50)	30	VC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	40	VC	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27
	50	VC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	60	VC	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33
	70	C	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35
	80	C	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	90	C	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
	100	C	0.32	41	24	19.0	15.8	11.9	9.5	7.9	6.3	4.8	1.1	0.73	0.54	0.44
TP110025AIVS (50)	30	VC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	40	VC	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34
	50	VC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	60	VC	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42
	70	VC	0.33	42	25	19.6	16.3	12.3	9.8	8.2	6.5	4.9	1.1	0.75	0.56	0.45
	80	C	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	90	C	0.38	49	28	23	18.8	14.1	11.3	9.4	7.5	5.6	1.3	0.86	0.65	0.52
	100	C	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54
TP11003AIVS (50)	30	XC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35
	40	VC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
	50	VC	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46
	60	VC	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50
	70	VC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54
	80	VC	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57
	90	C	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
	100	C	0.47	60	35	28	23	17.4	14.0	11.6	9.3	7.0	1.6	1.1	0.80	0.64
TP11004AIVS (50)	30	XC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	40	XC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54
	50	VC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
	60	VC	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67
	70	VC	0.53	68	39	31	26	19.7	15.7	13.1	10.5	7.9	1.8	1.2	0.90	0.72
	80	VC	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78
	90	C	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
	100	C	0.63	81	47	37	31	23	18.7	15.6	12.5	9.4	2.1	1.4	1.1	0.86
TP11005AIVS (50)	30	XC	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58
	40	XC	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68
	50	VC	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76
	60	VC	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83
	70	VC	0.66	84	49	39	33	25	19.6	16.3	13.1	9.8	2.2	1.5	1.1	0.90
	80	VC	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97
	90	VC	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0
	100	C	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1
TP11006AIVS (50)	30	XC	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71
	40	XC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
	50	VC	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91
	60	VC	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99
	70	VC	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1
	80	VC	0.85	109	63	50	42	32	25	21	16.8	12.6	2.9	1.9	1.4	1.2
	90	VC	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2
	100	C	0.95	122	71	56	47	35	28	24	18.8	14.1	3.2	2.2	1.6	1.3
TP11008AIVS (50)	30	XC	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94
	40	XC	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.1
	50	XC	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2
	60	VC	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3
	70	VC	1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4
	80	VC	1.13	145	84	67	56	42	34	28	22	16.8	3.8	2.6	1.9	1.5
	90	VC	1.20	154	89	71	59	45	36	30	24	17.8	4.1	2.7	2.0	1.6
	100	VC	1.26	161	94	75	62	47	37	31	25	18.7	4.3	2.9	2.1	1.7

Very Fine · Fine · Medium · Coarse · Very Coarse · Extremely Coarse

Note: *Due to the pre-orifice design, this tip is not compatible with the 4193A check valve tip strainer.*



Optimum Spray Height



TeeJet®

StreamJet®

Features:

- VisiFlo® color-coding system.
- 3 solid streams of equal velocity and capacity.
- Removable metering orifice for easy cleaning.
- Ten sizes for a wide range of application rates.
- Equally spaced distribution at 20" height.
- Use with Quick TeeJet® cap QJ25597*.
- All acetal construction for excellent chemical resistance.
- Recommended operating pressure: 20–60 PSI (1.5–4 bar).

Streamjet Tips

PART	DESCRIPTION	PRICE (B)
TPSJ3-015	Fertilizer Tip Green	**9.80**
TPSJ3-02	Fertilizer Tip Yellow	**9.80**
TPSJ3-03	Fertilizer Tip Blue	**9.80**
TPSJ3-04	Fertilizer Tip Red	**9.80**
TPSJ3-05	Fertilizer Tip Brown	**9.80**
TPSJ3-06	Fertilizer Tip Grey	**9.80**
TPSJ3-08	Fertilizer Tip White	**9.80**
TPSJ3-10	Fertilizer Tip Light Blue	**9.80**
TPSJ3-15	Fertilizer Tip Light Green	**9.80**
TPSJ3-20	Fertilizer Tip Black	**9.80**

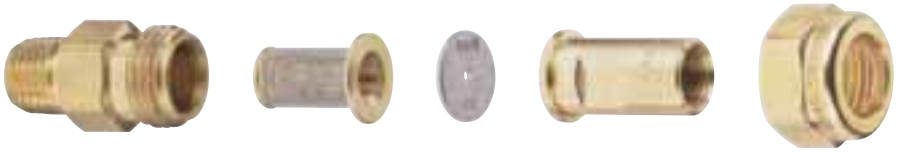
	PSI	CAPACITY ONE NOZZLE IN GPM	GPA 20" 3 MPH	4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH
SJ3-015-VP (100)	20	0.11	10.9	8.2	6.5	5.4	4.1	3.3	2.7	2.3	2.0	1.8	1.6
	30	0.13	12.9	9.7	7.7	6.4	4.8	3.9	3.2	2.8	2.4	2.1	1.9
	40	0.15	14.9	11.1	8.9	7.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2
	50	0.16	15.8	11.9	9.5	7.9	5.9	4.8	4.0	3.4	3.0	2.6	2.4
	60	0.17	16.8	12.6	10.1	8.4	6.3	5.0	4.2	3.6	3.2	2.8	2.5
SJ3-02-VP (50)	20	0.14	13.9	10.4	8.3	6.9	5.2	4.2	3.5	3.0	2.6	2.3	2.1
	30	0.17	16.8	12.6	10.1	8.4	6.3	5.0	4.2	3.6	3.2	2.8	2.5
	40	0.20	19.8	14.9	11.9	9.9	7.4	5.9	5.0	4.2	3.7	3.3	3.0
	50	0.21	21	15.6	12.5	10.4	7.8	6.2	5.2	4.5	3.9	3.5	3.1
	60	0.22	22	16.3	13.1	10.9	8.2	6.5	5.4	4.7	4.1	3.6	3.3
SJ3-03-VP (50)	20	0.24	24	17.8	14.3	11.9	8.9	7.1	5.9	5.1	4.5	4.0	3.6
	30	0.27	27	20	16.0	13.4	10.0	8.0	6.7	5.7	5.0	4.5	4.0
	40	0.30	30	22	17.8	14.9	11.1	8.9	7.4	6.4	5.6	5.0	4.5
	50	0.33	33	25	19.6	16.3	12.3	9.8	8.2	7.0	6.1	5.4	4.9
	60	0.35	35	26	21	17.3	13.0	10.4	8.7	7.4	6.5	5.8	5.2
SJ3-04-VP (50)	20	0.30	30	22	17.8	14.9	11.1	8.9	7.4	6.4	5.6	5.0	4.5
	30	0.36	36	27	21	17.8	13.4	10.7	8.9	7.6	6.7	5.9	5.3
	40	0.40	40	30	24	19.8	14.9	11.9	9.9	8.5	7.4	6.6	5.9
	50	0.43	43	32	26	21	16.0	12.8	10.6	9.1	8.0	7.1	6.4
	60	0.47	47	35	28	23	17.4	14.0	11.6	10.0	8.7	7.8	7.0
SJ3-05-VP (50)	20	0.36	36	27	21	17.8	13.4	10.7	8.9	7.6	6.7	5.9	5.3
	30	0.45	45	33	27	22	16.7	13.4	11.1	9.5	8.4	7.4	6.7
	40	0.50	50	37	30	25	18.6	14.9	12.4	10.6	9.3	8.3	7.4
	50	0.55	54	41	33	27	20	16.3	13.6	11.7	10.2	9.1	8.2
	60	0.59	58	44	35	29	22	17.5	14.6	12.5	11.0	9.7	8.8
SJ3-06-VP (50)	20	0.42	42	31	25	21	15.6	12.5	10.4	8.9	7.8	6.9	6.2
	30	0.54	53	40	32	27	20	16.0	13.4	11.5	10.0	8.9	8.0
	40	0.60	59	45	36	30	22	17.8	14.9	12.7	11.1	9.9	8.9
	50	0.66	65	49	39	33	25	19.6	16.3	14.0	12.3	10.9	9.8
	60	0.70	69	52	42	35	26	21	17.3	14.9	13.0	11.6	10.4
SJ3-08-VP	20	0.56	55	42	33	28	21	16.6	13.9	11.9	10.4	9.2	8.3
	30	0.72	71	53	43	36	27	21	17.8	15.3	13.4	11.9	10.7
	40	0.80	79	59	48	40	30	24	19.8	17.0	14.9	13.2	11.9
	50	0.88	87	65	52	44	33	26	22	18.7	16.3	14.5	13.1
	60	0.94	93	70	56	47	35	28	23	19.9	17.4	15.5	14.0
SJ3-10-VP	20	0.65	64	48	39	32	24	19.3	16.1	13.8	12.1	10.7	9.7
	30	0.90	89	67	53	45	33	27	22	19.1	16.7	14.9	13.4
	40	1.00	99	74	59	50	37	30	25	21	18.6	16.5	14.9
	50	1.11	110	82	66	55	41	33	27	24	21	18.3	16.5
	60	1.19	118	88	71	59	44	35	29	25	22	19.6	17.7
SJ3-15-VP	20	0.99	98	74	59	49	37	29	25	21	18.4	16.3	14.7
	30	1.24	123	92	74	61	46	37	31	26	23	20	18.4
	40	1.50	149	111	89	74	56	45	37	32	28	25	22
	50	1.68	166	125	100	83	62	50	42	36	31	28	25
	60	1.83	181	136	109	91	68	54	45	39	34	30	27
SJ3-20-VP	20	1.41	140	105	84	70	52	42	35	30	26	23	21
	30	1.75	173	130	104	87	65	52	43	37	32	29	26
	40	2.00	198	149	119	99	74	59	50	42	37	33	30
	50	2.28	226	169	135	113	85	68	56	48	42	38	34
	60	2.49	247	185	148	123	92	74	62	53	46	41	37

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).

Flow Regulators TeeJet®

Typical Assembly

Flow Regulators are usually mounted behind cultivator shanks for the subsurface application of liquid fertilizers and soil fumigants. They are also used for above-ground streaming applications.



1322 *1/4TT Body*

5053 *Strainer*

4916 *Orifice Plate*

4928 *Adapter 1/8" NPT (F) Outlet*

1325 *Cap*

Note: Always insert Orifice Plate with side marked with number facing the outlet

MATERIAL: Stainless Steel

PART	DESCRIPTION	PRICE (B)
4916-**	Stainless Steel Orifice	**3.45**

To determine the orifice plates you need, use the following equations:

$$\text{GPM (Per Nozzle)} = \frac{\text{GPA} \times \text{MPH} \times \text{W}}{5{,}940}$$

$$\text{GPA} = \frac{5{,}940 \times \text{GPM (Per Nozzle)}}{\text{MPH} \times \text{W}}$$

Tabulated flow rates are for spraying water into air atmospheric pressure. If your application creates backpressure, or if spraying into a liquid, measure and calibrate to ensure proper application rates.

W = Nozzle spacing (in inches) for broadcast spraying.

= Spray width (in inches) for single nozzle, band spraying or boomless spraying.

= Row spacing (in inches) divided by the number of nozzles per row for directed spraying.

	GPM						
	5 PSI	10 PSI	20 PSI	30 PSI	40 PSI	50 PSI	60 PSI
4916-008	0.003	0.004	0.006	0.007	0.008	0.009	0.010
4916-10	0.005	0.007	0.009	0.011	0.013	0.015	0.016
4916-12	0.007	0.010	0.013	0.016	0.019	0.021	0.023
4916-14	0.009	0.013	0.018	0.022	0.025	0.028	0.031
4916-15	0.010	0.015	0.021	0.025	0.029	0.032	0.036
4916-16	0.012	0.017	0.023	0.029	0.033	0.037	0.040
4916-18	0.015	0.021	0.030	0.036	0.042	0.047	0.051
4916-20	0.018	0.026	0.037	0.045	0.052	0.058	0.064
4916-22	0.022	0.031	0.043	0.053	0.061	0.068	0.075
4916-24	0.026	0.037	0.052	0.064	0.074	0.083	0.091
4916-25	0.028	0.040	0.056	0.068	0.079	0.088	0.097
4916-26	0.030	0.043	0.061	0.074	0.086	0.096	0.105
4916-27	0.032	0.046	0.064	0.079	0.091	0.102	0.111
4916-28	0.035	0.049	0.069	0.085	0.098	0.110	0.120
4916-29	0.038	0.054	0.076	0.094	0.108	0.121	0.132
4916-30	0.040	0.057	0.081	0.099	0.114	0.127	0.140
4916-31	0.043	0.062	0.087	0.107	0.123	0.138	0.151
4916-32	0.048	0.068	0.095	0.117	0.135	0.151	0.165
4916-34	0.052	0.074	0.104	0.127	0.147	0.164	0.180
4916-35	0.056	0.079	0.111	0.136	0.157	0.176	0.192
4916-37	0.061	0.086	0.122	0.149	0.172	0.192	0.211
4916-39	0.068	0.096	0.135	0.165	0.191	0.214	0.234
4916-40	0.072	0.102	0.144	0.177	0.204	0.228	0.250
4916-41	0.075	0.106	0.149	0.183	0.211	0.236	0.258
4916-43	0.082	0.116	0.163	0.200	0.231	0.258	0.283
4916-45	0.088	0.125	0.177	0.217	0.250	0.280	0.306
4916-46	0.095	0.135	0.191	0.234	0.270	0.302	0.331

	GPM						
	5 PSI	10 PSI	20 PSI	30 PSI	40 PSI	50 PSI	60 PSI
4916-47	0.097	0.138	0.194	0.238	0.275	0.307	0.337
4916-48	0.101	0.143	0.202	0.248	0.286	0.320	0.350
4916-49	0.104	0.148	0.209	0.255	0.295	0.330	0.361
4916-51	0.116	0.165	0.233	0.285	0.329	0.368	0.403
4916-52	0.118	0.168	0.237	0.290	0.335	0.375	0.410
4916-54	0.127	0.180	0.255	0.312	0.360	0.402	0.441
4916-55	0.133	0.189	0.267	0.326	0.377	0.421	0.462
4916-57	0.141	0.200	0.283	0.346	0.400	0.447	0.490
4916-59	0.153	0.217	0.306	0.375	0.433	0.484	0.530
4916-61	0.165	0.233	0.330	0.404	0.466	0.521	0.571
4916-63	0.174	0.246	0.347	0.425	0.491	0.549	0.601
4916-65	0.185	0.261	0.369	0.452	0.522	0.584	0.639
4916-67	0.196	0.278	0.392	0.481	0.555	0.621	0.680
4916-68	0.203	0.287	0.405	0.496	0.573	0.641	0.702
4916-70	0.216	0.306	0.433	0.530	0.612	0.684	0.750
4916-72	0.226	0.320	0.453	0.554	0.640	0.716	0.784
4916-73	0.233	0.330	0.467	0.572	0.660	0.738	0.808
4916-75	0.245	0.347	0.491	0.601	0.694	0.776	0.850
4916-78	0.272	0.385	0.544	0.667	0.770	0.861	0.943
4916-80	0.280	0.397	0.561	0.687	0.793	0.887	0.971
4916-81	0.290	0.411	0.581	0.711	0.821	0.918	1.01
4916-83	0.317	0.449	0.634	0.777	0.897	1.00	1.10
4916-86	0.332	0.470	0.664	0.813	0.939	1.05	1.15
4916-89	0.346	0.490	0.693	0.849	0.980	1.10	1.20
4916-91	0.369	0.523	0.739	0.905	1.05	1.17	1.28
4916-93	0.387	0.547	0.774	0.947	1.09	1.22	1.34
4916-95	0.404	0.572	0.808	0.990	1.14	1.28	1.40

	GPM						
	5 PSI	10 PSI	20 PSI	30 PSI	40 PSI	50 PSI	60 PSI
4916-98	0.442	0.625	0.884	1.08	1.25	1.40	1.53
4916-103	0.461	0.653	0.923	1.13	1.31	1.46	1.60
4916-107	0.518	0.733	1.04	1.27	1.47	1.64	1.79
4916-110	0.548	0.775	1.10	1.34	1.55	1.73	1.90
4916-115	0.605	0.855	1.21	1.48	1.71	1.91	2.09
4916-120	0.629	0.890	1.26	1.54	1.78	1.99	2.18
4916-125	0.693	0.980	1.39	1.70	1.96	2.19	2.40
4916-128	0.721	1.02	1.44	1.77	2.04	2.28	2.50
4916-132	0.774	1.10	1.55	1.90	2.19	2.45	2.68
4916-136	0.840	1.19	1.68	2.06	2.38	2.66	2.91
4916-140	0.894	1.27	1.79	2.19	2.53	2.83	3.10
4916-144	0.926	1.31	1.85	2.27	2.62	2.93	3.21
4916-147	0.953	1.35	1.91	2.33	2.70	3.01	3.30
4916-151	1.04	1.47	2.08	2.55	2.94	3.29	3.60
4916-156	1.10	1.55	2.20	2.69	3.11	3.47	3.80
4916-161	1.15	1.63	2.31	2.83	3.27	3.65	4.00
4916-166	1.21	1.72	2.43	2.97	3.43	3.84	4.20
4916-170	1.30	1.84	2.61	3.19	3.69	4.12	4.51
4916-172	1.36	1.92	2.71	3.32	3.84	4.29	4.70
4916-177	1.41	2.00	2.83	3.46	4.00	4.47	4.90
4916-182	1.47	2.08	2.95	3.61	4.17	4.66	5.10
4916-187	1.56	2.21	3.12	3.82	4.41	4.93	5.40
4916-196	1.73	2.45	3.46	4.24	4.90	5.47	6.00
4916-205	1.88	2.65	3.75	4.59	5.31	5.93	6.50
4916-218	2.11	2.98	4.21	5.16	5.96	6.66	7.30
4916-234	2.45	3.47	4.91	6.01	6.94	7.76	8.50
4916-250	2.83	4.00	5.66	6.93	8.00	8.94	9.80

Note: Always double check your application rates. Tabulations are based on spraying water at 70ºF (21ºC).

TeeJet® AI3070 Air Induction Dual Pattern Flat Spray Tips

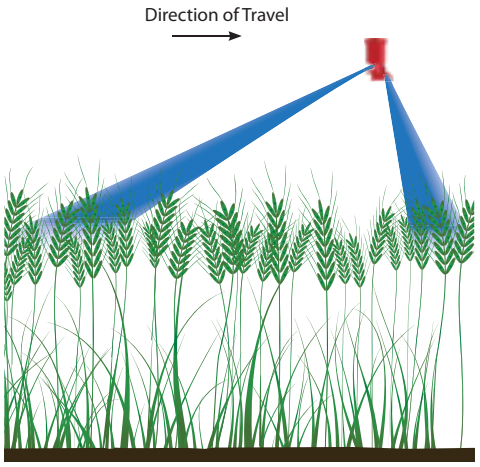
The AI3070 TeeJet dual flat spray tip, utilizing a patent-pending design, provides two spray patterns at complementary angles of 30º and 70º from vertical. The leading pattern provides coverage at the rear of the crop and penetration for coverage within the canopy. The trailing pattern provides thorough coverage across the top of the crop canopy. The AI3070 is ideal for fungicide application and disease control in cereal crops.

PART	DESCRIPTION	PRICE (B)
TP3070-*AIVP	A13070 Spray Tip*	9.05
QJ98578-1NY	Cap Only for A13070 Spray Tip	1.55
QJ19438EPR	QJ Gasket	.55

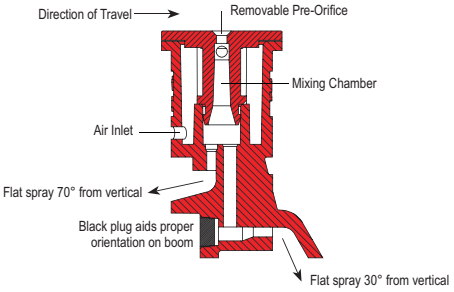
** AI3070 Spray Tip available in 6 sizes (015, 02, 025, 03, 04, and 05) – Please Specify Size When Ordering*

AI3070 Features & Benefits:

- AI3070 produces two wide angle, flat spray patterns for uniform coverage in broadcast applications.
- 30º forward tilted spray penetrates dense crop canopies, while the backward tilted 70º spray maximizes coverage of the crop seed head.
- Drift resistant drops are produced through the use of a venture air aspirator.
- Large, round, free passages minimize clogging.
- All acetal construction for excellent chemical and wear resistance.
- Removable pre-orifice for fast and easy cleaning.
- Automatic alignment with use of QJ98578-1NYR cap.
- Uses standard QJ19438EPR gasket.
- Suggested spray pressure range of 20 to 90 PSI (1.5 to 6 bar).



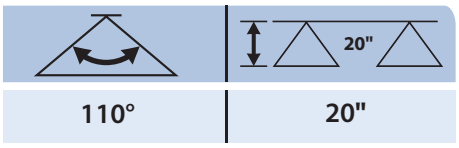
CROSS SECTION VIEW

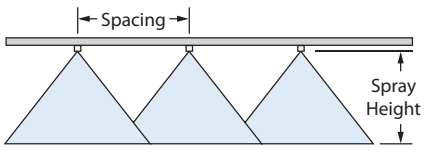


SELECTION GUIDE

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
EXCELLENT	EXCELLENT	VERY GOOD

OPTIMUM SPRAY HEIGHT





	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE OZ/MIN	GPA @ 20" 4 MPH	GPA @ 20" 5 MPH	GPA @ 20" 6 MPH	GPA @ 20" 8 MPH	GPA @ 20" 10 MPH	GPA @ 20" 12 MPH	GPA @ 20" 15 MPH	GPA @ 20" 20 MPH	GALLONS PER 1000 SQ. FT. @ 20" 2 MPH	@ 20" 3 MPH	@ 20" 4 MPH	@ 20" 5 MPH
AI3070-015VP (100)	20	VC	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15
	30	C	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18
	40	C	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20
	50	M	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	60	M	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
	75	M	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29
	90	F	0.23	29	17.1	13.7	11.4	8.5	6.8	5.7	4.6	3.4	0.78	0.52	0.39	0.31
AI3070-02VP (100)	20	XC	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19
	30	VC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	40	C	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27
	50	C	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	60	C	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33
	75	M	0.27	35	20	16.0	13.4	10.0	8.0	6.7	5.3	4.0	0.92	0.61	0.46	0.37
	90	M	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
AI3070-025VP (100)	20	XC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
	30	VC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	40	C	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34
	50	C	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	60	C	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42
	75	C	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46
	90	M	0.38	49	28	23	18.8	14.1	11.3	9.4	7.5	5.6	1.3	0.86	0.65	0.52
AI3070-03VP (50)	20	XC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29
	30	XC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35
	40	VC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
	50	C	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46
	60	C	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50
	75	C	0.41	52	30	24	20	15.2	12.2	10.1	8.1	6.1	1.4	0.93	0.70	0.56
	90	C	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
AI3070-04VP (50)	20	UC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	30	XC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	40	VC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54
	50	VC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
	60	VC	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67
	75	C	0.55	70	41	33	27	20	16.3	13.6	10.9	8.2	1.9	1.2	0.94	0.75
	90	C	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
AI3070-05VP (50)	20	UC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	30	XC	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58
	40	VC	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68
	50	VC	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76
	60	VC	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83
	75	C	0.68	87	50	40	34	25	20	16.8	13.5	10.1	2.3	1.5	1.2	0.92
	90	C	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0

Extremely Fine · Very Fine · Fine · Medium · Coarse · Very Coarse · Extremely Coarse · Ultra Coarse

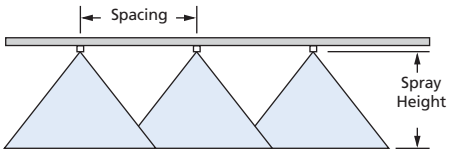
Note: Always double check your application rates.
Tabulations are based on spraying water at 70°F (21°C).

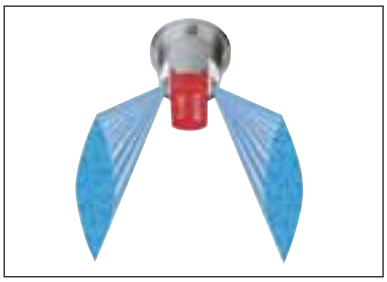
TeeJet®

TwinJet®

Features:

- Penetrates crop residue or dense foliage.
- Smaller droplets for thorough coverage.
- Better spray distribution along boom than with hollow cone nozzles.
- Available stainless steel with VisiFlo® color-coding in 80° and 110° spray angles.
- Automatic spray alignment with QJ25597* Quick TeeJet® cap.



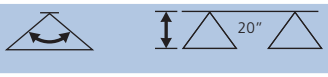


	PSI	DROP SIZE		CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20″ GPA								GALLONS PER 1000 SQ. FT.			
		80°	110°			4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH
TJ60-6501 TJ60-8001 (100)	30	VF		0.087	11	6.5	5.2	4.3	3.2	2.6	2.2	1.7	1.3	0.30	0.20	0.15	0.12
	35	VF		0.094	12	7.0	5.6	4.7	3.5	2.8	2.3	1.9	1.4	0.32	0.21	0.16	0.13
	40	VF		0.10	13	7.4	5.9	5.0	3.7	3.0	2.5	2.0	1.5	0.34	0.23	0.17	0.14
	50	VF		0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15
	60	VF		0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16
TJ60-650134 (100)	30			0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16
	35			0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18
	40			0.134	17	9.9	8.0	6.6	5.0	4.0	3.3	2.7	2.0	0.46	0.30	0.23	0.18
	50			0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20
	60			0.16	20	11.9	9.5	7.9	5.9	4.8	4.0	3.2	2.4	0.54	0.36	0.27	0.22
TJ60-6502 TJ60-8002 TJ60-11002 (100)	30	F	F	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	35	F	VF	0.19	24	14.1	11.3	9.4	7.1	5.6	4.7	3.8	2.8	0.65	0.43	0.32	0.26
	40	F	VF	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27
	50	F	VF	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	60	F	VF	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33
TJ60-6503 TJ60-8003 TJ60-11003 (100)	30	F	F	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35
	35	F	F	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	40	F	F	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
	50	F	F	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46
	60	F	F	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50
TJ60-6504 TJ60-8004 TJ60-11004 (50)	30	M	F	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	35	M	F	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50
	40	F	F	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54
	50	F	F	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
	60	F	F	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67
TJ60-8005 TJ60-11005 (50)	30	M	M	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58
	35	M	M	0.47	60	35	28	23	17.4	14.0	11.6	9.3	7.0	1.6	1.07	0.80	0.64
	40	M	M	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.13	0.85	0.68
	50	F	F	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76
	60	F	F	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.04	0.83
TJ60-6506 TJ60-8006 TJ60-11006 (50)	30	M	M	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71
	35	M	M	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76
	40	M	M	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
	50	M	F	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91
	60	M	F	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99
TJ60-6508 TJ60-8008 TJ60-11008 (50)	30	C	M	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94
	35	M	M	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0
	40	M	M	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.1
	50	M	M	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2
	60	M	M	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3
TJ60-8010 TJ60-11010 (50)	30	C	M	0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2
	35	C	M	0.94	120	70	56	47	35	28	23	18.6	14.0	3.2	2.1	1.6	1.3
	40	C	M	1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4
	50	M	M	1.12	143	83	67	55	42	33	28	22	16.6	3.8	2.5	1.9	1.5
	60	M	M	1.22	156	91	72	60	45	36	30	24	18.1	4.1	2.8	2.1	1.7

Note: Always double check your application rates.
Tabulations are based on spraying water at 70°F (21°C).

Very Fine · Fine · Medium · Coarse · Very Coarse · Extremely Coarse

Optimum Spray Height



65°	35″
80°	30″
110°	20″

TwinJet

PART	DESCRIPTION	PRICE (B)
TP80-01TJ60VS	Twin Jet VS Tip 80°	**13.35**
TP65-0134TJ60VS	Twin Jet VS Tip 65°	**13.35**
TP80-02TJ60VS	Twin Jet VS Tip 80°	**13.35**
TP80-03TJ60VS	Twin Jet VS Tip 80°	**13.35**
TP80-04TJ60VS	Twin Jet VS Tip 80°	**13.35**
TP80-06TJ60VS	Twin Jet VS Tip 80°	**13.35**
TP80-08TJ60VS	Twin Jet VS Tip 80°	**13.35**
TP80-10TJ60VS	Twin Jet VS Tip 80°	**13.35**

110°

PART	DESCRIPTION	PRICE (B)
TP110-02TJ60VS	Twin Jet VS Tip 110°	**13.35**
TP110-03TJ60VS	Twin Jet VS Tip 110°	**13.35**
TP110-04TJ60VS	Twin Jet VS Tip 110°	**13.35**
TP110-06TJ60VS	Twin Jet VS Tip 110°	**13.35**
TP110-08TJ60VS	Twin Jet VS Tip 110°	**13.35**
TP110-10TJ60VS	Twin Jet VS Tip 110°	**13.35**

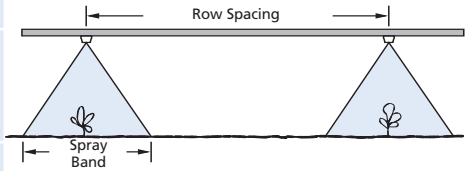
TeeJet® Even Flat Spray Tips

Features:

- Ideal for banding over the row or in row middles.
- Provides uniform distribution throughout the flat spray pattern.
- Easily mounted on spray boom or planter.
- Available in Visiflo, stainless steel, or brass.
- Automatic spray alignment with QJ25611-* cap.

PART	DESCRIPTION	PRICE (B)
TP40**E	Brass Tip	**4.70**
TP40**ESS	Stainless Steel Tip	**12.05**
TP80**EVS	Visiflo Tip	**6.85**
TP80**ESS	Stainless Steel Tip	**12.05**

	PSI	CAPACITY ONE NOZZLE IN GPM	U.S.GPA 30" 3 MPH	3.5 MPH	4 MPH	4.5 MPH	5 MPH	5.5 MPH	6 MPH	6.5 MPH	7 MPH	7.5 MPH	8 MPH	8.5 MPH
TP4001E TP4001ESS	20	0.071	4.7	4.0	3.5	3.1	2.8	2.6	2.3	2.2	2.0	1.9	1.8	1.7
	30	0.087	5.7	4.9	4.3	3.8	3.4	3.1	2.9	2.7	2.5	2.3	2.2	2.0
TP8001EVS	40	0.10	6.6	5.7	5.0	4.4	4.0	3.6	3.3	3.0	2.8	2.6	2.5	2.3
	50	0.11	7.3	6.2	5.4	4.8	4.4	4.0	3.6	3.4	3.1	2.9	2.7	2.6
	60	0.12	7.9	6.8	5.9	5.3	4.8	4.3	4.0	3.7	3.4	3.2	3.0	2.8
TP40015E TP40015ESS	20	0.11	7.3	6.2	5.4	4.8	4.4	4.0	3.6	3.4	3.1	2.9	2.7	2.6
	30	0.13	8.6	7.4	6.4	5.7	5.1	4.7	4.3	4.0	3.7	3.4	3.2	3.0
TP80015EVS	40	0.15	9.9	8.5	7.4	6.6	5.9	5.4	5.0	4.6	4.2	4.0	3.7	3.5
	50	0.17	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8	4.5	4.2	4.0
	60	0.18	11.9	10.2	8.9	7.9	7.1	6.5	5.9	5.5	5.1	4.8	4.5	4.2
TP4002E TP4002ESS	20	0.14	9.2	7.9	6.9	6.2	5.5	5.0	4.6	4.3	4.0	3.7	3.5	3.3
	30	0.17	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8	4.5	4.2	4.0
TP8002EVS	40	0.20	13.2	11.3	9.9	8.8	7.9	7.2	6.6	6.1	5.7	5.3	5.0	4.7
	50	0.22	14.5	12.4	10.9	9.7	8.7	7.9	7.3	6.7	6.2	5.8	5.4	5.1
	60	0.24	15.8	13.6	11.9	10.6	9.5	8.6	7.9	7.3	6.8	6.3	5.9	5.6
TP4003E TP4003ESS	20	0.21	13.9	11.9	10.4	9.2	8.3	7.6	6.9	6.4	5.9	5.5	5.2	4.9
	30	0.26	17.2	14.7	12.9	11.4	10.3	9.4	8.6	7.9	7.4	6.9	6.4	6.1
TP8003EVS	40	0.30	19.8	17.0	14.9	13.2	11.9	10.8	9.9	9.1	8.5	7.9	7.4	7.0
	50	0.34	22	19.2	16.8	15.0	13.5	12.2	11.2	10.4	9.6	9.0	8.4	7.9
	60	0.37	24	21	18.3	16.3	14.7	13.3	12.2	11.3	10.5	9.8	9.2	8.6
TP4004E TP4004ESS	20	0.28	18.5	15.8	13.9	12.3	11.1	10.1	9.2	8.5	7.9	7.4	6.9	6.5
	30	0.35	23	19.8	17.3	15.4	13.9	12.6	11.6	10.7	9.9	9.2	8.7	8.2
TP8004EVS	40	0.40	26	23	19.8	17.6	15.8	14.4	13.2	12.2	11.3	10.6	9.9	9.3
	50	0.45	30	25	22	19.8	17.8	16.2	14.9	13.7	12.7	11.9	11.1	10.5
	60	0.49	32	28	24	22	19.4	17.6	16.2	14.9	13.9	12.9	12.1	11.4
TP4005ESS	20	0.35	23	19.8	17.3	15.4	13.9	12.6	11.6	10.7	9.9	9.2	8.7	8.2
	30	0.43	28	24	21	18.9	17.0	15.5	14.2	13.1	12.2	11.4	10.6	10.0
TP8005EVS	40	0.50	33	28	25	22	19.8	18.0	16.5	15.2	14.1	13.2	12.4	11.6
	50	0.56	37	32	28	25	22	20	18.5	17.1	15.8	14.8	13.9	13.0
	60	0.61	40	35	30	27	24	22	20	18.6	17.3	16.1	15.1	14.2
TP4006E TP4006EVS	20	0.42	28	24	21	18.5	16.6	15.1	13.9	12.8	11.9	11.1	10.4	9.8
	30	0.52	34	29	26	23	21	18.7	17.2	15.8	14.7	13.7	12.9	12.1
TP8006EVS	40	0.60	40	34	30	26	24	22	19.8	18.3	17.0	15.8	14.9	14.0
	50	0.67	44	38	33	29	27	24	22	20	19.0	17.7	16.6	15.6
	60	0.73	48	41	36	32	29	26	24	22	21	19.3	18.1	17.0
TP8008EVS	20	0.57	38	32	28	25	23	21	18.8	17.4	16.1	15.0	14.1	13.3
	30	0.69	46	39	34	30	27	25	23	21	19.5	18.2	17.1	16.1
	40	0.80	53	45	40	35	32	29	26	24	23	21	19.8	18.6
	50	0.89	59	50	44	39	35	32	29	27	25	23	22	21
	60	0.98	65	55	49	43	39	35	32	30	28	26	24	23
TP4010E TP4010ESS TP8010E TP8010ESS	20	0.71	47	40	35	31	28	26	23	22	20	18.7	17.6	16.5
	30	0.87	57	49	43	38	34	31	29	27	25	23	22	20
	40	1.00	66	57	50	44	40	36	33	30	28	26	25	23
	50	1.12	74	63	55	49	44	40	37	34	32	30	28	26
	60	1.22	81	69	60	54	48	44	40	37	35	32	30	28
TP4015E TP4015ESS TP8015E TP8015ESS	20	1.06	70	60	52	47	42	38	35	32	30	28	26	25
	30	1.30	86	74	64	57	51	47	43	40	37	34	32	30
	40	1.50	99	85	74	66	59	54	50	46	42	40	37	35
	50	1.68	111	95	83	74	67	60	55	51	48	44	42	39
	60	1.84	121	104	91	81	73	66	61	56	52	49	46	43



						GPA CONVERSION FACTORS*	
	40°	65°	80°	95°	110°	20"	30"
8"	11"	6"	5"	4"	3"	2.50	3.75
10"	14"	8"	6"	5"	4"	2.00	3.00
12"	16"	9"	7"	5"	4"	1.67	2.50
15"	21"	12"	9"	7"	5"	1.33	2.00

TeeJet®

ConeJet®

Features:

- VisiFlo color-coded version consists of stainless steel in polypropylene body. Maximum operating pressure 300 PSI. Spray angle is 80° at 100 PSI.
- Ideal for banding with two or three nozzles over the row.
- Finely atomized spray pattern provides thorough coverage.
- Automatic spray alignment with QJ25607-* cap.

ConeJet Tips

PART	DESCRIPTION	PRICE (B)
TPTX-1VS	Hollow ConeJet 80°	**7.25**
TPTX-2VS	Hollow ConeJet 80°	**7.25**
TPTX-3VS	Hollow ConeJet 80°	**7.25**
TPTX-4VS	Hollow ConeJet 80°	**7.25**
TPTX-6VS	Hollow ConeJet 80°	**7.25**
TPTX-8VS	Hollow ConeJet 80°	**7.25**
TPTX-10VS	Hollow ConeJet 80°	**7.25**
TPTX-12VS	Hollow ConeJet 80°	**7.25**
TPTX-18VS	Hollow ConeJet 80°	**7.25**
TPTX-26VS	Hollow ConeJet 80°	**7.25**

2 Nozzles Per Row
Row Spacing
Spray Band

3 Nozzles Per Row
Row Spacing
Spray Band

	GPA CONVERSION FACTORS* 30″
8″	3.75
10″	3.00
12″	2.50
15″	2.00

**To find GPA rate on band widths, multiply the tabulated GPA for ROW SPACING by the conversion factors.*

	PSI	CAPACITY TWO NOZZLES IN GPM	CAPACITY TWO NOZZLES IN OZ./MIN.	U.S. GPA 30″ 3 MPH	4 MPH	5 MPH	6 MPH	7 MPH	PSI	CAPACITY THREE NOZZLES IN GPM	CAPACITY THREE NOZZLES IN OZ./MIN.	U.S. GPA 30″ 3 MPH	4 MPH	5 MPH	6 MPH	7 MPH
TX-1	40	0.033	4.2	2.2	1.6	1.3	1.1	0.93	40	0.050	6.4	3.3	2.5	2.0	1.7	1.4
TPTX1VS (100)	60	0.039	5.0	2.6	1.9	1.5	1.3	1.1	60	0.059	7.6	3.9	2.9	2.3	1.9	1.7
	75	0.043	5.5	2.8	2.1	1.7	1.4	1.2	75	0.065	8.3	4.3	3.2	2.6	2.1	1.8
	90	0.047	6.0	3.1	2.3	1.9	1.6	1.3	90	0.070	9.0	4.6	3.5	2.8	2.3	2.0
	120	0.053	6.8	3.5	2.6	2.1	1.7	1.5	120	0.079	10	5.2	3.9	3.1	2.6	2.2
TX-2	40	0.067	8.6	4.4	3.3	2.7	2.2	1.9	40	0.100	13	6.6	5.0	4.0	3.3	2.8
TPTX2VS (100)	60	0.080	10	5.3	4.0	3.2	2.6	2.3	60	0.12	15	7.9	5.9	4.8	4.0	3.4
	75	0.088	11	5.8	4.4	3.5	2.9	2.5	75	0.13	17	8.6	6.4	5.1	4.3	3.7
	90	0.095	12	6.3	4.7	3.8	3.1	2.7	90	0.14	18	9.2	6.9	5.5	4.6	4.0
	120	0.11	14	7.3	5.4	4.4	3.6	3.1	120	0.16	20	10.6	7.9	6.3	5.3	4.5
TX-3	40	0.10	13	6.6	5.0	4.0	3.3	2.8	40	0.15	19	9.9	7.4	5.9	5.0	4.2
TPTX3VS (100)	60	0.12	15	7.9	5.9	4.8	4.0	3.4	60	0.18	23	11.9	8.9	7.1	5.9	5.1
	75	0.13	17	8.6	6.4	5.1	4.3	3.7	75	0.20	26	13.2	9.9	7.9	6.6	5.7
	90	0.14	18	9.2	6.9	5.5	4.6	4.0	90	0.21	27	13.9	10.4	8.3	6.9	5.9
	120	0.16	20	10.6	7.9	6.3	5.3	4.5	120	0.24	31	15.8	11.9	9.5	7.9	6.8
TX-4	40	0.13	17	8.6	6.4	5.1	4.3	3.7	40	0.20	26	13.2	9.9	7.9	6.6	5.7
TPTX4VS (50)	60	0.16	20	10.6	7.9	6.3	5.3	4.5	60	0.24	31	15.8	11.9	9.5	7.9	6.8
	75	0.18	23	11.9	8.9	7.1	5.9	5.1	75	0.27	35	17.8	13.4	10.7	8.9	7.6
	90	0.19	24	12.5	9.4	7.5	6.3	5.4	90	0.29	37	19.1	14.4	11.5	9.6	8.2
	120	0.22	28	14.5	10.9	8.7	7.3	6.2	120	0.33	42	22	16.3	13.1	10.9	9.3
TX-6	40	0.20	26	13.2	9.9	7.9	6.6	5.7	40	0.30	38	19.8	14.9	11.9	9.9	8.5
TPTX6VS (50)	60	0.24	31	15.8	11.9	9.5	7.9	6.8	60	0.36	46	24	17.8	14.3	11.9	10.2
	75	0.27	35	17.8	13.4	10.7	8.9	7.6	75	0.40	51	26	19.8	15.8	13.2	11.3
	90	0.29	37	19.1	14.4	11.5	9.6	8.2	90	0.43	55	28	21	17.0	14.2	12.2
	120	0.33	42	22	16.3	13.1	10.9	9.3	120	0.50	64	33	25	19.8	16.5	14.1
TX-8	40	0.27	35	17.8	13.4	10.7	8.9	7.6	40	0.40	51	26	19.8	15.8	13.2	11.3
TPTX8VS (50)	60	0.32	41	21	15.8	12.7	10.6	9.1	60	0.49	63	32	24	19.4	16.2	13.9
	75	0.36	46	24	17.8	14.3	11.9	10.2	75	0.54	69	36	27	21	17.8	15.3
	90	0.39	50	26	19.3	15.4	12.9	11.0	90	0.59	76	39	29	23	19.5	16.7
	120	0.45	58	30	22	17.8	14.9	12.7	120	0.68	87	45	34	27	22	19.2
TX-10	40	0.33	42	22	16.3	13.1	10.9	9.3	40	0.50	64	33	25	19.8	16.5	14.1
TPTX10VS (50)	60	0.40	51	26	19.8	15.8	13.2	11.3	60	0.61	78	40	30	24	20	17.3
	75	0.45	58	30	22	17.8	14.9	12.7	75	0.68	87	45	34	27	22	19.2
	90	0.49	63	32	24	19.4	16.2	13.9	90	0.74	95	49	37	29	24	21
	120	0.56	72	37	28	22	18.5	15.8	120	0.85	109	56	42	34	28	24
TX-12	40	0.40	51	26	19.8	15.8	13.2	11.3	40	0.60	77	40	30	24	19.8	17.0
TPTX12VS (50)	60	0.49	63	32	24	19.4	16.2	13.9	60	0.73	93	48	36	29	24	21
	75	0.54	69	36	27	21	17.8	15.3	75	0.81	104	53	40	32	27	23
	90	0.59	76	39	29	23	19.5	16.7	90	0.88	113	58	44	35	29	25
	120	0.68	87	45	34	27	22	19.2	120	1.01	129	67	50	40	33	29
TX-18	40	0.60	77	40	30	24	19.8	17.0	40	0.90	115	59	45	36	30	25
TPTX18VS (50)	60	0.73	93	48	36	29	24	21	60	1.10	141	73	54	44	36	31
	75	0.82	105	54	41	32	27	23	75	1.23	157	81	61	49	41	35
	90	0.90	115	59	45	36	30	25	90	1.35	173	89	67	53	45	38
	120	1.03	132	68	51	41	34	29	120	1.55	198	102	77	61	51	44
TX-26	40	0.87	111	57	43	34	29	25	40	1.30	166	86	64	51	43	37
TPTX26VS (50)	60	1.06	136	70	52	42	35	30	60	1.59	204	105	79	63	52	45
	75	1.18	151	78	58	47	39	33	75	1.78	228	117	88	70	59	50
	90	1.30	166	86	64	51	43	37	90	1.94	248	128	96	77	64	55
	120	1.49	191	98	74	59	49	42	120	2.24	287	148	111	89	74	63

TeeJet®

XP BoomJet®

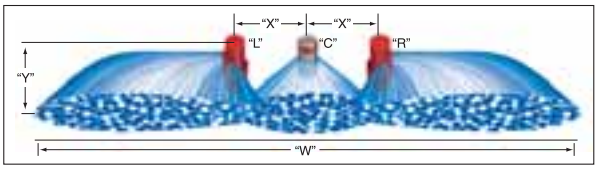
Typical Applications:

- Boomless field spray applications.
- Roadside and right-of-way applications.
- End row spraying.
- Orchard spraying.
- De-icing applications.
- Forestry.

PART	DESCRIPTION	PRICE (B)
TP1/4XP***VP	Poly XP BoomJet	**55.30**
TP1/4TTJ**VP	Poly Tip	**9.75**

Features:

- Unique orifice geometry produces wide spray pattern while maintaining superior distribution across entire width.
- Pre-orifice design minimizes drift.
- Extra wide spray pattern—up to 18.5 feet (5.5 meters)—using a single nozzle.
- Removable polymer pre-orifice.
- Acetal construction for excellent chemical resistance.
- Recommended spray pressure range: 20–60 PSI (1.5–4 bar).
- NPT or BSPT (male) threads for easy installation.
- Color-coding for easy capacity identification.



NOZZLE SPACING "X" = 20″

"R", "L"	CENTER NOZZLE "C"	PSI	DROP SIZE	CAPACITY THREE NOZZLES IN GPM	SPRAY WIDTH "W" (FEET)		HEIGHT = 24″										HEIGHT = 36″									
							GPA FOR THREE NOZZLES						GALLONS PER 1000 SQ. FT.				GPA FOR THREE NOZZLES						GALLONS PER 1000 SQ. FT.			
					24″ HEIGHT	36″ HEIGHT	4 MPH	6 MPH	8 MPH	10 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH	4 MPH	6 MPH	8 MPH	10 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH
1/4XP10R 1/4XP10L	1/4TTJ08	30	XC	2.43	23.3	25.3	12.9	8.6	6.5	5.2	3.4	2.6	0.59	0.39	0.30	0.24	11.9	7.9	5.9	4.8	3.2	2.4	0.54	0.36	0.27	0.22
		40	XC	2.80	25.3	28.3	13.7	9.1	6.8	5.5	3.7	2.7	0.63	0.42	0.31	0.25	12.2	8.2	6.1	4.9	3.3	2.4	0.56	0.37	0.28	0.22
		50	XC	3.13	28.3	30.3	13.7	9.1	6.8	5.5	3.6	2.7	0.63	0.42	0.31	0.25	12.8	8.5	6.4	5.1	3.4	2.6	0.59	0.39	0.29	0.23
		60	XC	3.42	29.3	32.3	14.4	9.6	7.2	5.8	3.9	2.9	0.66	0.44	0.33	0.26	13.1	8.7	6.6	5.2	3.5	2.6	0.60	0.40	0.30	0.24
1/4XP20R 1/4XP20L	1/4TTJ08	30	XC	4.19	26.3	27.3	19.7	13.1	9.9	7.9	5.3	3.9	0.90	0.60	0.45	0.36	19.0	12.7	9.5	7.6	5.1	3.8	0.87	0.58	0.43	0.35
		40	XC	4.80	30.3	31.3	19.6	13.1	9.8	7.8	5.2	3.9	0.90	0.60	0.45	0.36	19.0	12.7	9.5	7.6	5.1	3.8	0.87	0.58	0.43	0.35
		50	XC	5.39	32.3	33.3	21	13.8	10.3	8.3	5.5	4.1	0.95	0.63	0.47	0.38	20	13.4	10.0	8.0	5.3	4.0	0.92	0.61	0.46	0.37
		60	XC	5.98	33.3	35.3	22	14.8	11.1	8.9	5.9	4.4	1.0	0.68	0.51	0.41	21	14.0	10.5	8.4	5.6	4.2	0.96	0.64	0.48	0.38
1/4XP25R 1/4XP25L	1/4TTJ10	30	XC	5.13	27.3	30.3	23	15.5	11.6	9.3	6.2	4.7	1.1	0.71	0.53	0.43	21	14.0	10.5	8.4	5.6	4.2	0.96	0.64	0.48	0.38
		40	XC	6.00	30.3	32.3	25	16.3	12.3	9.8	6.5	4.9	1.1	0.75	0.56	0.45	23	15.3	11.5	9.2	6.1	4.6	1.1	0.70	0.53	0.42
		50	XC	6.62	32.3	33.3	25	16.9	12.7	10.1	6.8	5.1	1.2	0.77	0.58	0.46	25	16.4	12.3	9.8	6.6	4.9	1.1	0.75	0.56	0.45
		60	XC	7.22	33.3	35.3	27	17.9	13.4	10.7	7.2	5.4	1.2	0.82	0.61	0.49	25	16.9	12.7	10.1	6.7	5.1	1.2	0.77	0.58	0.46
1/2XP40R 1/2XP40L	1/4TTJ15	30	XC	8.36	29.3	32.3	35	24	17.7	14.1	9.4	7.1	1.6	1.1	0.81	0.65	32	21	16.0	12.8	8.5	6.4	1.5	0.98	0.73	0.59
		40	XC	9.50	31.3	34.3	38	25	18.8	15.0	10.0	7.5	1.7	1.1	0.86	0.69	34	23	17.1	13.7	9.1	6.9	1.6	1.0	0.78	0.63
		50	XC	10.8	33.3	35.3	40	27	20	16.1	10.7	8.0	1.8	1.2	0.92	0.74	38	25	18.9	15.1	10.1	7.6	1.7	1.2	0.87	0.69
		60	XC	11.8	35.3	38.3	41	28	21	16.5	11.0	8.3	1.9	1.3	0.95	0.76	38	25	19.1	15.3	10.2	7.6	1.7	1.2	0.87	0.70

NOZZLE SPACING "X" = 30″

"R", "L"	CENTER NOZZLE "C"	PSI	DROP SIZE	CAPACITY THREE NOZZLES IN GPM	SPRAY WIDTH "W" (FEET)		HEIGHT = 24″										HEIGHT = 36″									
							GPA FOR THREE NOZZLES						GALLONS PER 1000 SQ. FT.				GPA FOR THREE NOZZLES						GALLONS PER 1000 SQ. FT.			
					24″ HEIGHT	36″ HEIGHT	4 MPH	6 MPH	8 MPH	10 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH	4 MPH	6 MPH	8 MPH	10 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH
1/4XP10R 1/4XP10L	1/4TTJ06 (50)	30	XC	2.26	25.0	27.0	11.2	7.5	5.6	4.5	3.0	2.2	0.51	0.34	0.26	0.20	10.4	6.9	5.2	4.1	2.8	2.1	0.47	0.32	0.24	0.19
		40	XC	2.60	27.0	30.0	11.9	7.9	6.0	4.8	3.2	2.4	0.55	0.36	0.27	0.22	10.7	7.2	5.4	4.3	2.9	2.1	0.49	0.33	0.25	0.20
		50	XC	2.91	30.0	32.0	12.0	8.0	6.0	4.8	3.2	2.4	0.55	0.37	0.27	0.22	11.3	7.5	5.6	4.5	3.0	2.3	0.52	0.34	0.26	0.21
		60	XC	3.17	31.0	34.0	12.7	8.4	6.3	5.1	3.4	2.5	0.58	0.39	0.29	0.23	11.5	7.7	5.8	4.6	3.1	2.3	0.53	0.35	0.26	0.21
1/4XP20R 1/4XP20L	1/4TTJ06 (50)	30	XC	4.02	28.0	29.0	17.8	11.8	8.9	7.1	4.7	3.6	0.81	0.54	0.41	0.33	17.2	11.4	8.6	6.9	4.6	3.4	0.79	0.52	0.39	0.31
		40	XC	4.60	32.0	33.0	17.8	11.9	8.9	7.1	4.7	3.6	0.81	0.54	0.41	0.33	17.3	11.5	8.6	6.9	4.6	3.5	0.79	0.53	0.39	0.32
		50	XC	5.17	34.0	35.0	18.8	12.5	9.4	7.5	5.0	3.8	0.86	0.57	0.43	0.34	18.3	12.2	9.1	7.3	4.9	3.7	0.84	0.56	0.42	0.33
		60	XC	5.73	35.0	37.0	20	13.5	10.1	8.1	5.4	4.1	0.93	0.62	0.46	0.37	19.2	12.8	9.6	7.7	5.1	3.8	0.88	0.59	0.44	0.35
1/4XP25R 1/4XP25L	1/4TTJ08	30	XC	4.95	29.0	32.0	21	14.1	10.6	8.4	5.6	4.2	0.97	0.64	0.48	0.39	19.1	12.8	9.6	7.7	5.1	3.8	0.88	0.58	0.44	0.35
		40	XC	5.80	32.0	34.0	22	15.0	11.2	9.0	6.0	4.5	1.0	0.68	0.51	0.41	21	14.1	10.6	8.4	5.6	4.2	0.97	0.64	0.48	0.39
		50	XC	6.39	34.0	35.0	23	15.5	11.6	9.3	6.2	4.7	1.1	0.71	0.53	0.43	23	15.1	11.3	9.0	6.0	4.5	1.0	0.69	0.52	0.41
		60	XC	6.98	35.0	37.0	25	16.5	12.3	9.9	6.6	4.9	1.1	0.75	0.57	0.45	23	15.6	11.7	9.3	6.2	4.7	1.1	0.71	0.53	0.43
1/2XP40R 1/2XP40L	1/4TTJ10	30	XC	7.93	31.0	34.0	32	21	15.8	12.7	8.4	6.3	1.4	0.97	0.72	0.58	29	19.2	14.4	11.5	7.7	5.8	1.3	0.88	0.66	0.53
		40	XC	9.00	33.0	36.0	34	23	16.9	13.5	9.0	6.8	1.5	1.0	0.77	0.62	31	21	15.5	12.4	8.3	6.2	1.4	0.94	0.71	0.57
		50	XC	10.2	35.0	37.0	36	24	18.0	14.4	9.6	7.2	1.7	1.1	0.83	0.66	34	23	17.1	13.6	9.1	6.8	1.6	1.0	0.78	0.62
		60	XC	11.2	37.0	40.0	37	25	18.7	15.0	10.0	7.5	1.7	1.1	0.86	0.69	35	23	17.3	13.9	9.2	6.9	1.6	1.1	0.79	0.63
1/2XP80R 1/2XP80L	1/4TTJ15	30	XC	15.0	35.0	38.0	53	35	27	21	14.1	10.6	2.4	1.6	1.2	0.97	49	33	24	19.5	13.0	9.8	2.2	1.5	1.1	0.89
		40	XC	17.5	37.0	40.0	59	39	29	23	15.6	11.7	2.7	1.8	1.3	1.1	54	36	27	22	14.4	10.8	2.5	1.7	1.2	0.99
		50	XC	19.1	38.0	41.0	62	41	31	25	16.6	12.4	2.8	1.9	1.4	1.1	58	38	29	23	15.4	11.5	2.6	1.8	1.3	1.1
		60	XC	21.0	40.0	42.0	65	43	32	26	17.3	13.0	3.0	2.0	1.5	1.2	62	41	31	25	16.5	12.4	2.8	1.9	1.4	1.1

Note: Always double check your application rates.
Tabulations are based on spraying water at 70°F (21°C).

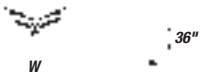
Very Fine · Fine · Medium · Coarse · Very Coarse · Extremely Coarse

TeeJet®

5880 BoomJet Nozzle

Type 5880 BoomJet Nozzle is used for spraying areas not easily accessed with a boom sprayer. It combines two off-centre tips and three VeeJet® nozzles to produce an overall wide swath flat spray. The nozzle assembly provides good distribution considering the wide pattern coverage obtained; however the uniformity is not as good as with a properly operated boom sprayer. Supplied with one additional 1/4" NPT pipe plug and one blank tip for setting BoomJet to one side only. Also has a 1/4" NPT pressure gauge port. Uniformity can be optimized by double overlapping spray swaths on successive sprayer passes. Remember, this also doubles the application volume.

PART	PRICE (B)
5880-3/4-******	**315.90**



PART	TIP	REQ'D	PRICE (B)	TIP	REQ'D	PRICE (B)	TIP	REQ'D	PRICE (B)	PSI	TOTAL CAPACITY GPA	"W" IN FEET	GPA @ 4 MPH	GPA @ 5 MPH	GPA @ 7.5 MPH	GPA @ 10 MPH	GPA @ 15 MPH
5880-3/4-2TOC06	6733-0C06	2	**50.30**	TPH1/4VVL1506	2	**5.30**	TPH1/4VVL-9502	1	**9.05**	20	1.84	33.5	6.8	5.4	3.6	2.7	1.8
										30	2.25	34.0	8.2	6.6	4.4	3.3	2.2
										40	2.60	34.5	9.3	7.5	5.0	3.7	2.5
5880-3/4-TOC10	TPOC-10	2	**51.15**	TPH1/4U0508HE	2	**6.60**	TPH1/4VVL-11004	1	**9.05**	20	2.83	39.5	8.9	7.1	4.7	3.5	2.4
										30	3.46	40.0	10.7	8.6	5.7	4.3	2.9
										40	4.00	40.5	12.2	9.8	6.5	4.9	3.3
5880-3/4-2TOC20	TPOC-20	2	**51.15**	TPH1/4U0520HE	2	**6.60**	TPH1/4VVL-9506	1	**9.05**	20	6.08	47.0	16.0	12.8	8.5	6.4	4.3
										30	7.45	50.0	18.4	14.8	9.8	7.4	4.9
										40	8.60	52.0	20.0	16.4	10.9	8.2	5.5
5880-3/4-2TOC40	TPOC-40	2	**51.15**	TPH1/4U0540HE	2	**6.60**	TPH1/4U-9510	1	**6.30**	20	12.00	56.0	27.0	21.0	14.1	10.6	7.1
										30	14.70	60.0	30.0	24.0	16.2	12.1	8.1
										40	17.00	63.0	33.0	27.0	17.8	13.4	8.9

Note: "W" has maximum effective coverage with nozzle mounted at 36" height

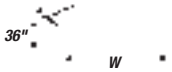
4629

4418

TeeJet Swivel Spray Nozzles with Off-Centre Flat Spray Tips - Larger Capacities

- Extra Wide Flat Spray Coverage.
- Maximum effective coverage with nozzle mounted at 36" height.
- Large capacity swivel nozzles, available in both single or double styles.
- Available with 3/4" NPT (F) inlet connections for use as boomless type nozzles.
- For double swivels the tabulated GPM capacities are twice those shown for single swivels

PART	DESCRIPTION	PRICE (B)
4629-3/4-*	TOC Single Swivel Brass - 3/4" NPT (F) Pipe Connection	**208.55**
4418-3/4-*	TOC Double Swivel Brass - 3/4" NPT (F) Pipe Connection	**270.20**



PART	PSI	CAPACITY 1 NOZZLE GPM	"W" IN FEET	GPA @ 5 MPH	GPA @ 10 MPH	GPA @ 15 MPH
4629-3/4-TOC10	30	0.87	18.0	4.8	2.4	1.6
	40	1.00	18.5	5.4	2.7	1.8
	60	1.22	18.5	6.5	3.3	2.2
4629-3/4-TOC20	30	1.73	23.5	7.3	3.6	2.4
	40	2.00	24.5	8.1	4.0	2.7
	60	2.45	24.5	9.9	5.0	3.3
4629-3/4-TOC40	30	3.46	26.0	13.2	6.6	4.4
	40	4.00	27.0	14.7	7.3	4.9
	60	4.90	27.0	18.0	9.0	6.0
4629-3/4-TOC80	30	6.93	29.0	24.0	11.8	7.9
	40	8.00	30.0	26.0	13.2	8.8
	60	9.80	30.0	32.0	16.2	10.8
4629-3/4-TOC150	30	13.00	30.5	42.0	21.0	14.1
	40	15.00	31.5	47.0	24.0	15.7
	60	18.40	31.5	58.0	29.0	19.3
4629-3/4-TOC300	30	26.00	32.0	80.0	40.0	27.0
	40	30.00	33.0	90.0	45.0	30.0
	60	36.70	33.5	108.0	54.0	36.0

TeeJet®

TeeJet Off-Center spray tips are commonly installed in double and single swivel nozzle bodies. Because these bodies are adjustable for angular position, a wide spray swath is easily obtained.

PART	DESCRIPTION	PRICE (B)
TPOC-**	Off Center Brass Tip	12.25
TPOC-**SS	Off Center Stainless Steel Tip	18.15

	PSI	CAPACITY ONE NOZZLE IN GPM	HEIGHT = 18"					HEIGHT = 24"				
			"W" IN INCHES	U.S. GPA				"W" IN INCHES	U.S. GPA			
				3 MPH	4 MPH	5 MPH	6 MPH		3 MPH	4 MPH	5 MPH	6 MPH
TPOC01 TPOC01SS (100)	30	0.087	58	3.0	2.2	1.8	1.5	65	2.7	2.0	1.6	1.3
	40	0.10	60	3.3	2.5	2.0	1.7	67	3.0	2.2	1.8	1.5
	60	0.12	62	3.8	2.9	2.3	1.9	69	3.4	2.6	2.1	1.7
TPOC02 TPOC02SS (50)	30	0.17	68	5.0	3.7	3.0	2.5	75	4.5	3.4	2.7	2.2
	40	0.20	70	5.7	4.2	3.4	2.8	77	5.1	3.9	3.1	2.6
	60	0.24	72	6.6	5.0	4.0	3.3	78	6.1	4.6	3.7	3.0
TPOC03 TPOC03SS (50)	30	0.26	77	6.7	5.0	4.0	3.3	80	6.4	4.8	3.9	3.2
	40	0.30	80	7.4	5.6	4.5	3.7	83	7.2	5.4	4.3	3.6
	60	0.37	82	8.9	6.7	5.4	4.5	85	8.6	6.5	5.2	4.3
TPOC04 TPOC04SS (50)	30	0.35	91	7.6	5.7	4.6	3.8	93	7.5	5.6	4.5	3.7
	40	0.40	93	8.5	6.4	5.1	4.3	94	8.4	6.3	5.1	4.2
	60	0.49	94	10.3	7.7	6.2	5.2	95	10.2	7.7	6.1	5.1
TPOC06 TPOC06SS (50)	30	0.52	99	10.4	7.8	6.2	5.2	108	9.5	7.2	5.7	4.8
	40	0.60	101	11.8	8.8	7.1	5.9	110	10.8	8.1	6.5	5.4
	60	0.73	102	14.2	10.6	8.5	7.1	111	13.0	9.8	7.8	6.5
TPOC08 TPOC08SS (50)	30	0.69	100	13.7	10.2	8.2	6.8	110	12.4	9.3	7.5	6.2
	40	0.80	102	15.5	11.6	9.3	7.8	112	14.1	10.6	8.5	7.1
	60	0.98	104	18.7	14.0	11.2	9.3	113	17.2	12.9	10.3	8.6
TPOC12 TPOC12SS (50)	30	1.04	102	20	15.1	12.1	10.1	113	18.2	13.7	10.9	9.1
	40	1.20	104	23	17.1	13.7	11.4	115	21	15.5	12.4	10.3
	60	1.47	105	28	21	16.6	13.9	116	25	18.8	15.1	12.5
TPOC16 TPOC16SS (50)	30	1.39	132	21	15.6	12.5	10.4	142	19.4	14.5	11.6	9.7
	40	1.60	138	23	17.2	13.8	11.5	146	22	16.3	13.0	10.8
	60	1.96	143	27	20	16.3	13.6	148	26	19.7	15.7	13.1

TurfJet

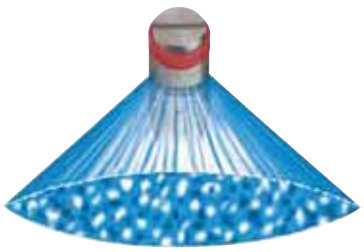
Wide Angle Flat Fan Spray Nozzles

Features:

- Very large droplets – excellent for drift control and applying systemic products.
- Large orifice reduces clogging.
- Nozzle spacing – 20-40 inches (50-100 cm).
- Spraying pressure – 25-75 PSI (1.5-5 bar).
- Available in both Poly and Stainless.
- Use with QJ46761/4-90 QJ Adapter.

PART	DESCRIPTION	PRICE (B)
TP1/4TTJ-**VP	TurfJet Poly Nozzle	9.75
TP1/4TTJ-**VS	TurfJet Stainless Nozzle	18.85

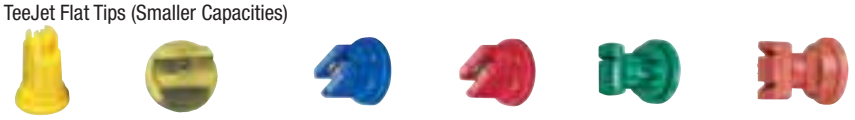
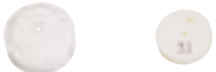
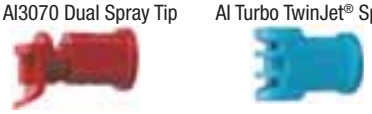
CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
—	EXCELLENT	EXCELLENT



	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	40" GPA								20" GALLONS PER 1000 SQ. FT.			
					4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH
1/4TTJ02 (50)	25	XC	0.16	20	5.9	4.8	4.0	3.0	2.4	2.0	1.6	1.2	0.54	0.36	0.27	0.22
	30	XC	0.17	22	6.3	5.0	4.2	3.2	2.5	2.1	1.7	1.3	0.58	0.39	0.29	0.23
	40	XC	0.20	26	7.4	5.9	5.0	3.7	3.0	2.5	2.0	1.5	0.68	0.45	0.34	0.27
	50	XC	0.22	28	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.75	0.50	0.37	0.30
	60	XC	0.24	31	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.82	0.54	0.41	0.33
	75	XC	0.27	35	10.0	8.0	6.7	5.0	4.0	3.3	2.7	2.0	0.92	0.61	0.46	0.37
1/4TTJ04 (50)	25	XC	0.32	41	11.9	9.5	7.9	5.9	4.8	4.0	3.2	2.4	1.1	0.73	0.54	0.44
	30	XC	0.35	45	13.0	10.4	8.7	6.5	5.2	4.3	3.5	2.6	1.2	0.79	0.60	0.48
	40	XC	0.40	51	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	1.4	0.91	0.68	0.54
	50	XC	0.45	58	16.7	13.4	11.1	8.4	6.7	5.6	4.5	3.3	1.5	1.0	0.77	0.61
	60	XC	0.49	63	18.2	14.6	12.1	9.1	7.3	6.1	4.9	3.6	1.7	1.1	0.83	0.67
	75	XC	0.55	70	20	16.3	13.6	10.2	8.2	6.8	5.4	4.1	1.9	1.2	0.94	0.75
1/4TTJ05 (50)	25	XC	0.40	51	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	1.4	0.91	0.68	0.54
	30	XC	0.43	55	16.0	12.8	10.6	8.0	6.4	5.3	4.3	3.2	1.5	0.97	0.73	0.58
	40	XC	0.50	64	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	1.7	1.1	0.85	0.68
	50	XC	0.56	72	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	1.9	1.3	0.95	0.76
	60	XC	0.61	78	23	18.1	15.1	11.3	9.1	7.5	6.0	4.5	2.1	1.4	1.0	0.83
	75	XC	0.68	87	25	20	16.8	12.6	10.1	8.4	6.7	5.0	2.3	1.5	1.2	0.92
1/4TTJ06 (50)	25	XC	0.47	60	17.4	14.0	11.6	8.7	7.0	5.8	4.7	3.5	1.6	1.1	0.80	0.64
	30	XC	0.52	67	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	1.8	1.2	0.88	0.71
	40	XC	0.60	77	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	2.0	1.4	1.0	0.82
	50	XC	0.67	86	25	19.9	16.6	12.4	9.9	8.3	6.6	5.0	2.3	1.5	1.1	0.91
	60	XC	0.73	93	27	22	18.1	13.6	10.8	9.0	7.2	5.4	2.5	1.7	1.2	0.99
	75	XC	0.82	105	30	24	20	15.2	12.2	10.1	8.1	6.1	2.8	1.9	1.4	1.1
1/4TTJ08	25	XC	0.63	81	23	18.7	15.6	11.7	9.4	7.8	6.2	4.7	2.1	1.4	1.1	0.86
	30	XC	0.69	88	26	20	17.1	12.8	10.2	8.5	6.8	5.1	2.3	1.6	1.2	0.94
	40	XC	0.80	102	30	24	19.8	14.9	11.9	9.9	7.9	5.9	2.7	1.8	1.4	1.1
	50	XC	0.89	114	33	26	22	16.5	13.2	11.0	8.8	6.6	3.0	2.0	1.5	1.2
	60	XC	0.98	125	36	29	24	18.2	14.6	12.1	9.7	7.3	3.3	2.2	1.7	1.3
	75	XC	1.10	141	41	33	27	20	16.3	13.6	10.9	8.2	3.7	2.5	1.9	1.5
1/4TTJ10	25	XC	0.79	101	29	23	19.6	14.7	11.7	9.8	7.8	5.9	2.7	1.8	1.3	1.1
	30	XC	0.87	111	32	26	22	16.1	12.9	10.8	8.6	6.5	3.0	2.0	1.5	1.2
	40	XC	1.00	128	37	30	25	18.6	14.9	12.4	9.9	7.4	3.4	2.3	1.7	1.4
	50	XC	1.12	143	42	33	28	21	16.6	13.9	11.1	8.3	3.8	2.5	1.9	1.5
	60	XC	1.22	156	45	36	30	23	18.1	15.1	12.1	9.1	4.1	2.8	2.1	1.7
	75	XC	1.37	175	51	41	34	25	20	17.0	13.6	10.2	4.7	3.1	2.3	1.9
1/4TTJ15	25	XC	1.19	152	44	35	29	22	17.7	14.7	11.8	8.8	4.0	2.7	2.0	1.6
	30	XC	1.30	166	48	39	32	24	19.3	16.1	12.9	9.7	4.4	2.9	2.2	1.8
	40	XC	1.50	192	56	45	37	28	22	18.6	14.9	11.1	5.1	3.4	2.6	2.0
	50	XC	1.68	215	62	50	42	31	25	21	16.6	12.5	5.7	3.8	2.9	2.3
	60	XC	1.84	236	68	55	46	34	27	23	18.2	13.7	6.3	4.2	3.1	2.5
	75	XC	2.05	262	76	61	51	38	30	25	20	15.2	7.0	4.6	3.5	2.8

TeeJet®

1 Black *2 White* *3 Red* *4 Blue* *5 Green* *6 Yellow* *7 Brown* *8 Orange* *10 Violet (QJ25611, QJ25597 only)*

PART	PRICE (B)	QJ CAPS	USE WITH THESE SPRAY TIPS
QJ25611-*	.80		TeeJet Flat Tips (Smaller Capacities)  AIXR; Brass & SS (0067 to 08); VS & XR (01 to 08); DG (015 to 05); TT (01 to 08); TTJ60VP (02 to 06)
QJ25609-*	.95		TeeJet Flat Spray Tips (Larger Capacities) TP Standard (10 to 40); XR (10 to 15)
QJ25597-*	.95		TJ TwinJet®; Al TeeJet®; SJ3 StreamJet; Turbo TeeJet Induction; Al Turbo TwinJet® TJ60VS (01 to 10); AIVS (015 to 06); SJ3 (015 to 20); TTI (015 to 06); AITTJ60 (02 to 06)
QJ25599-*	.95		Turbo FloodJet®; TK-VS FloodJet®; TK-VP FloodJet® TF* (2 to 10); TKVS (2 to 10); TKVP (01 to 10)
QJ25607-*	.95		TK FloodJet®; FL FullJet®; TX ConeJet®; TG Full Cone; Hose Shank TK* (.5 to 40); FL* (5 to 15); TX (1 to 26) BRASS 6.25; TG (.3 to 10); K84* (1/4" to 1/2")
QJ25607-*	.95		 D* (1 to 16); CORE (13 TO 56)
QJ26277-1 (black only)	.95		Ceramic Disc-Core  DCER (1 to 10); CERAMIC CORE
QJ98578-1NY	1.55		Al3070 Dual Spray Tip; Al Turbo TwinJet® Spray Tip  Al3070 (015 to 06); AITTJ60 (08 to 15)

QJ19438EPR *QJ18999EPR*

Tip Gaskets

PART	DESCRIPTION	PRICE (B)
QJ19438EPR	Standard Gasket	.55
QJ18999EPR	Disc and Core Gasket*	1.20

Note: *Use with 4916 orifice

45˚ *90˚*

Quick-Jet Adapter

Permits use of standard 1/8" and 1/4" nozzles. Can be used for mounting pressure gauge at the nozzle.

- 1/4" NPT female.

PART	DESCRIPTION	PRICE (B)
QJ46761/4	With Gasket	2.60
QJ46761/4-45	45° - Without Gasket	4.95
QJ46761/4-90	90° - Without Gasket	4.95

QJ19843 *QJ90-1* *QJ90*

Shut-Off Cap Assembly

Provides shut-off at nozzle for quick spacing change or change in spray swath.

PART	DESCRIPTION	PRICE (B)
QJ19843	Black Cap with Gasket	2.50
QJ90	Double Outlet with Gasket	4.90
QJ90-1	90° Outlet with Gasket	4.90

Male Nozzle Bodies

PART	DESCRIPTION	PRICE (B)
1322	Brass 1/4"	2.55
1336	Brass 1/8"	2.55
8028NY	Nylon 1/4"	1.85

Female Nozzle Bodies

PART	DESCRIPTION	PRICE (B)
1321	Brass 1/4"	2.55
1335	Brass 1/8"	2.55
12094	Nylon 1/4"	1.80

3/4" Brass Nozzle Body Parts

PART	DESCRIPTION	PRICE (B)
3817	Body Female	20.85
3818	Body Male	20.85
3819	Cap	12.15
4784AL	Gasket	1.80
TPOC-**	Brass Tip Only	51.15
TPOC-**C	Set-Up Complete	85.95

Nozzle Cap 11/16" Threads

PART	DESCRIPTION	PRICE (B)
1325	Brass	1.55
8027NY-1	Nylon - Deep Cap	1.35
8027NY	Nylon	1.05

Female Nozzle Adapters

PART	DESCRIPTION	PRICE (B)
46761/4	Brass 1/4"	3.20
46761/8	Brass 1/8"	3.20
46761/4NY	Nylon 1/4"	2.65
46761/8NY	Nylon 1/8"	2.65

Brass Nozzle Strainers

PART	DESCRIPTION	PRICE (B)
505350	50M	3.25
5053100	100M	3.25

Note: No check valve

Poly Nozzle Strainers

PART	DESCRIPTION	PRICE (B)
8079-50	50M	1.30
8079-100	100M	1.30

Note: No check valve

4193A Series Check Valves

- 5 PSI Standard
- 10 PSI Optional

PART	DESCRIPTION	PRICE (B)
4193A24PP	Poly - 24 M	4.35
4193A50PP	Poly - 50 M	4.35
4193A100PP	Poly - 100 M	4.35
4193A200PP	Poly - 200 M	4.35
4193A50	Brass - 50 M	5.50
4193A100	Brass - 100 M	5.50
4193A200	Brass - 200 M	5.50

Slotted Strainers

PART	DESCRIPTION	PRICE (B)
451410	Brass	1.55
451410NY	Nylon	1.45
451420	Brass	1.55
451432	Brass	1.55
451432NY	Nylon	1.45

Poly Slotted Strainers

PART	DESCRIPTION	PRICE (B)
19845-50	50 M	1.70

Cup Strainer

PART	DESCRIPTION	PRICE (B)
4067	50, 100 M	1.80

Nylon Hose Shanks

PART	DESCRIPTION	PRICE (B)
K8414	1/4"	.50
K8438	3/8"	.50
K8412	1/2"	.50

Note: Use with nozzle caps

Nylon Swivels

PART	DESCRIPTION	PRICE (B)
86001/4T	1/4" Female Inlet	9.65
86002	1/4" Female Inlet	11.65

Brass Swivel

PART	DESCRIPTION	PRICE (B)
420221/4T	1/4" Female Inlet	27.20

Note: Limited Supply - discontinued item

Brass Single Outlet

PART	DESCRIPTION	PRICE (B)
50001/4T	1/4" Female Inlet	20.10

Brass Tip Plug

PART	DESCRIPTION	PRICE (B)
3942	Brass Tip Plug	.65

Disc Core

Discs and Cores

Use discs with core for hollow cone spray.

PART	DESCRIPTION	PRICE (B)
D*VP	Poly Disc (Sizes 2-8)	1.05
D*SS	SS Disc (Sizes 2-12)	1.50
#*	Brass Core	2.85

Metering Orfice

PART	DESCRIPTION	PRICE (B)
4916-**	Stainless	3.45

For detailed information on Metering Orifices, please refer to our spray tip section at front of catalogue.

Round Clamp Sub Assemblies

PART	DESCRIPTION	PRICE (B)
111-1/2	1/2"	5.15
111-3/4	3/4"	5.15
111-1	1"	5.15
111-11/4	1 1/4"	8.60

Square Clamp Sub Assemblies

PART	DESCRIPTION	PRICE (B)
111-SQ1	1"	5.95
111-SQ11/4	1 1/4"	8.90
111-SQ11/2	1 1/2"	10.60

Clamp Sub Assemblies

PART	DESCRIPTION	PRICE (B)
74211/2	1/2"	8.05
74213/4CT	3/4"	8.55
74211CT	1"	8.55

Diaphragm Shut-Off

PART	DESCRIPTION	PRICE (B)
83601/4NY	1/4" Inlet, 11/16" Outlet	18.65

Standard End Cap Sub-Assembly

PART	DESCRIPTION	PRICE (B)
21950-10	Standard 10 PSI Sub Assembly	4.10

* Also avaliable in 2,8, 15 and 20 PSI

QJ Diaphragm EPDM

PART	DESCRIPTION	PRICE (B)
21953EPR	Fits QJ17560, QJ360, 836	.55
21953VI	Viton Diaphragm	1.70

TeeJet®

QJ 360 Series Wet Boom

Wet boom to fit 3/4" or 1" pipe.

PART	DESCRIPTION	PRICE (B)
QJ3633/4	3/4" - 3 Nozzle	17.15
QJ3631	1" - 3 Nozzle	17.15
QJ3643/4	3/4" - 4 Nozzle	17.15
QJ3641	1" - 4 Nozzle	17.15
QJ3653/4	3/4" - 5 Nozzle	17.15
QJ3651	1" - 5 Nozzle	17.15

Note: Caps and gaskets sold separately
Also available in 1/2" : Call

Triple Nozzle Wet Boom

PART	DESCRIPTION	PRICE (B)
QJ24216-1/2	1/2"	23.00
QJ24216-3/4	3/4"	23.00
QJ24216-1	1"	23.00

QJ 17560 Series

- Requires 10 PSI to open check valve, 300 PSI max.
- EPDM diaphragm.
- 1/2" and 3/4" include mounting hole in upper clamp for mounting to flat surfaces (drill 3/8" hole to mount).

PART	DESCRIPTION	PRICE (B)
QJ17560-1/2	1/2"	4.80
QJ17560-3/4	3/4"	4.80
QJ17560-1	1"	4.80

QJ 7421 Series

PART	DESCRIPTION	PRICE (B)
QJ7421-1/2	1/2"	4.45
QJ7421-3/4	3/4"	4.45
QJ7421-1	1"	4.45

QJ 360 Series Dry Boom

Dry boom to fit 1/2",3/4" or 1" hose.

PART	DESCRIPTION	PRICE (B)
Three Nozzle Series		
QJ3631/21NYB	1/2" Elbow - 3 Nozzle	19.85
QJ3631/22NYB	1/2" Tee - 3 Nozzle	20.35
QJ3633/41NYB	3/4" Elbow - 3 Nozzle	19.85
QJ3633/42NYB	3/4" Tee - 3 Nozzle	20.35
QJ36311NYB	1" Elbow - 3 Nozzle	19.85
QJ36312NYB	1" Tee - 3 Nozzle	20.35
Five Nozzle Series		
QJ3651/21NYB	1/2" Elbow - 5 Nozzle	19.85
QJ3651/22NYB	1/2" Tee - 5 Nozzle	20.35
QJ3653/41NYB	3/4" Elbow - 5 Nozzle	19.85
QJ3653/42NYB	3/4" Tee - 5 Nozzle	20.35
QJ36511NYB	1" Elbow - 5 Nozzle	19.85
QJ36512NYB	1" Tee - 5 Nozzle	20.35

Note: Caps and gaskets sold separately
Not shown: QJ364**NYB

QJ 100 Series Nozzle Assemblies

PART	DESCRIPTION	PRICE (B)
QJ186353/8	3/8" - Elbow	4.45
QJ186381/2	1/2" - Elbow	4.45
QJ187193/4	3/4" - Elbow	4.45
QJ186363/8	3/8" - Tee	4.45
QJ186391/2	1/2" - Tee	4.45
QJ187203/4	3/4" - Tee	4.45
QJ186373/8	3/8" - Triple	4.45
QJ186401/2	1/2" - Triple	4.45
QJ187213/4	3/4" - Triple	4.45

Triple Nozzle Dry Boom

PART	DESCRIPTION	PRICE (B)
QJ242302-1/2	Tee - 1/2"	23.60
QJ242302-3/4	Tee - 3/4"	23.60
QJ242301-1/2	Elbow - 1/2"	23.60
QJ242301-3/4	Elbow - 3/4"	23.60

Push To Connect QJ Body & Cap

- Used with systems utilizing ¼" semi-rigid low-density poly tubing.
- Cap and body combination.
- 10 PSI (0.69 bar) check valve.

Different configurations available.
Please call for info

PART	DESCRIPTION	PRICE (B)
QJ98595-1/4-10	Body/Cap	19.15

QJ222 Series Diaphragm

PART	DESCRIPTION	PRICE (B)
QJ22251-311-3/8	3/8" Elbow	9.10
QJ22251-311-1/2	1/2" Elbow	9.10
QJ22251-311-3/4	3/4" Elbow	9.10
QJ22252-312-3/8	3/8" Tee	9.10
QJ22252-312-1/2	1/2" Tee	9.10
QJ22252-312-3/4	3/4" Tee	9.10

QJ 200 Series Nozzle Assemblies

PART	DESCRIPTION	PRICE (B)
QJ193493/8	3/8" - Elbow	11.00
QJ193491/2	1/2" - Elbow	11.00
QJ193493/4	3/4" - Elbow	11.00
QJ193503/8	3/8" - Tee	11.00
QJ193501/2	1/2" - Tee	11.00
QJ193503/4	3/4" - Tee	11.00
QJ193513/8	3/8" - Triple	11.00
QJ193511/2	1/2" - Triple	11.00
QJ193513/4	3/4" - Triple	11.00

QJ Nozzle Bodies

PART	DESCRIPTION	PRICE (B)
QJ1/4T	1/4" NPT (F) X QJ	3.10
QJ1/4TT	1/4" NPT (M) X QJ	3.10

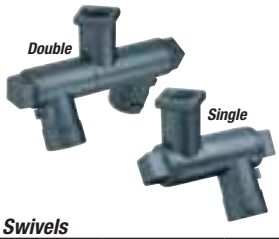
Adapter

Converts standard nozzle body to Quick TeeJet. Comes with gasket.

PART	DESCRIPTION	PRICE (B)
QJTNYB	11/16" x QJ	5.65

Diaphragm Check Valve

PART	DESCRIPTION	PRICE (B)
QJ83601/4	1/4" NPT (M) X QJ	5.55
QJT8360	11/16" (F) X QJ	6.00



QJ Swivels

PART	DESCRIPTION	PRICE (B)
QJ86001/4NY	Single Swivel	8.10
QJ8600-2NY	Double Swivel	9.75

45° Nozzle Body

PART	DESCRIPTION	PRICE (B)
QJ226741/4	1/4" NPT (M) x QJ	3.05

Square Vari-Spacing Clamps

PART	DESCRIPTION	PRICE (B)
QJ111SQ3/4	3/4"	3.00
QJ111SQ1	1"	3.00
QJ111SQ11/4	1 1/4"	3.00
QJ111SQ11/2	1 1/2"	3.00
QJ111SQ3/4SS*	3/4" - St. Steel	6.65
QJ111SQ1SS*	1" - St. Steel	6.65
QJ111SQ11/4SS*	1 1/4" - St. Steel	6.65
QJ111SQ11/2SS*	1 1/2" - St. Steel	6.65

Note: *Special order

Round Vari-Spacing Clamps

PART	DESCRIPTION	PRICE (B)
QJ111-1/2	1/2"	3.00
QJ111-3/4	3/4"	3.00
QJ111-1	1"	3.00
QJ111-11/4	1 1/4"	3.00

3/4" Clamp High

PART	DESCRIPTION	PRICE (B)
QJ111HP3/4	3/4"	11.60

TEEJET 744E
WITH 430 MANIFOLD
SPRAYER CONTROL SYSTEM

The TeeJet Technologies 744E Sprayer Controller is perfect for converting hitched sprayers and small-size trailer sprayers from manual valves to electric ball valves. The 744E is available as a complete kit equipped with a back-lit pressure gauge, active boom section LED indicator, and cable kit.

The 430 Ball Valve Manifold (ordered separately) is an ideal match for the 744E and is available with a wide variety of inlet and outlet fittings to work perfectly with your sprayer.

5-Section Controller Console (90-50255) shown

Features:
- Choice of 3- or 5- switch 744E Controller
- Compatible with 430 Manifold, including Regulating Valve, 3-Way Ball Valves, Pressure Relief Valve and Strainer
- Back-lit pressure gauge for easy viewing in low light conditions
- Dual scale, 100 PSI (7 bar) pressure gauge
- LED indication of active boom sections
- Kit includes harness for TeeJet 430 Ball Valve

744E Console Kits
- Available in 3 and 5 switch models
- 430 DIN Harness with battery connection
- Valves and fittings sold separately

PART	DESCRIPTION	PRICE (B)
90-50255	744E Console w/ 5-Section configuration	**749.65**
90-50254	744E Console w/ 3-Section configuration	**663.95**

How To Order A Complete 744E Series Controller with 430 Series Manifold System:

1. Choose either the 5-section or 3-section 744E Controller Console
2. Choose the corresponding 5-section or 3-section Valve Manifold
3. Choose your Inlet Fittings (2 required for manifold set-up)
4. Choose your Outlet Fittings (3 or 5 required depending on manifold)
5. Choose your Bypass Fittings (2 required for manifold set-up)
6. Optionally choose the Chemical Isolator Kit

3-Section 430 Series Valve Manifold (98600-B-433EC-2) shown

TeeJet 430 Series Valve Manifolds
- Available in 3 and 5 Section models
- All valve manifolds include regulating valve (1 RPM), section valves, relief valve, and strainer.
- Inlet, Outlet, and Bypass Flow fittings sold separately.

PART	DESCRIPTION	PRICE (B)
98600-B-435EC-2	430 Series 2-Way, 5-Section Valve Manifold	**1683.70**
98600-B-433EC-2	430 Series 2-Way, 3-Section Valve Manifold	**1234.90**

TeeJet 430 Series Valve Manifold Fittings

Inlet Fittings (2 Required)		
PART	DESCRIPTION	PRICE(B)
58456-3/4	¾ Female NPT Quick Connect Kit	**18.90**
58456-1	1" Female NPT Quick Connect Kit	**18.90**
58456-1/4	¼" Female NPT Gauge Port Large QC Kit	**18.90**
58456-C	Large Quick Connect Cap Kit	**18.90**
58456-1000	1" Straight Hose Barb Large QC Kit	**18.90**
221-0UT	Straight Edge Blade – outside bevel	**46.50**

NOTE: "58456" Series Fittings also available in 1 ¼" & 1 ½" FNPT and 1 ¼", 1 ½", & 2" Hose Barb

Outlet Fittings (3 or 5 Required)		
PART	DESCRIPTION	PRICE(B)
45529-1/2	½" Straight Hose Barb Quick Connect Kit	**9.80**
45529-3/4	¾" Straight Hose Barb Quick Connect Kit	**9.80**
45529-1	1" Straight Hose Barb Quick Connect Kit	**9.80**
45529-90-1/2	½" 90˚ Hose Barb Quick Connect Kit	**9.80**
45529-90-3/4	¾" 90˚ Hose Barb Quick Connect Kit	**9.80**
45529-90-1	1" 90˚ Hose Barb Quick Connect Kit	**9.80**

Bypass Flow Fittings (2 Required)*		
PART	DESCRIPTION	PRICE(B)
45529P	Quick Connect Plug	**9.80**
45529-90-1	1" 90˚ Quick Connect Kit	**9.80**
45529-1	1" Quick Connect Kit	**9.80**

NOTE: *MUST order plug (1) and hose barb (1) when using Flow Back or 3-Way section valves

Optional Components		
PART	DESCRIPTION	PRICE(E)
2300	Chemical Isolator Kit	**67.25**

TeeJet® 854 Sprayer Control

TeeJet 854 Sprayer Control delivers the features you need…

- Rugged construction, sealed switches, and non-volatile memory mean dependability that will not let you down.
- Single-connection wiring system provides clutter-free durability.
- Front panel features clear instructions for ease of operation.
- Saves summary reports on up to 10 jobs.
- Auto-Master can be set to automatically switch boom sections on and off at predetermined speeds.
- Auto tank fill allows the console to control tank-filling operations.
- Dual boom capability means a wider range of speeds and application rates.
- Smart Sensing automatically selects between pressure or flow sensors, choosing the best sensor for that application.
- Communications port for printer, PC, and GPS connections

PART	DESCRIPTION	PRICE (F)
854	854 Console Core Kit w/Console, Brackets, 26ft. Harness & Users Guide	**1808.25**

How to Order

Complete system for the 854 Controller consists of:

a) 854 Controller
b) Speed Sensor
c) Flow Meter
d) Flow Regulating Ball Valve
e) Boom Shut-off Valves

Flow Meters

- 90-50230 – 2½ to 60 GPM capacity
- 57-10122 – 3 to 130 GPM capacity

PART	DESCRIPTION	PRICE
90-50230	Flow Meter – 1" Hose Barbs	**522.80(F)**
57-10122	802 Flow Meter - 2" 200 Series Flanges	**556.55(F)**

PART	DESCRIPTION	PRICE (F)
16-40004	Proximity Sensor	**113.85**
90-02386	GPS Speed Sensor *(not shown)*	**543.85**

PART	DESCRIPTION	PRICE
35-02099	Regulating Valve 1", 6 sec., 27 rpm.	**258.45(F)**
344BEC241	Boom Shut-off Valve 1"	**340.00(B)**
145H1	Solenoid Valve 1"	**393.15(B)**

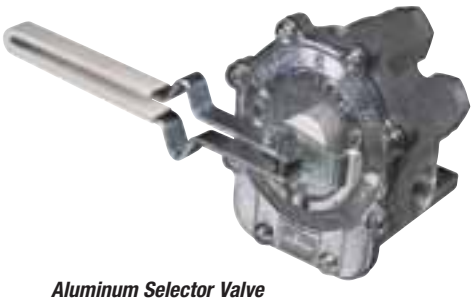
Optional Products – NOT SHOWN

PART	DESCRIPTION	PRICE (F)
45-20239	9 foot Extension Cable w/ speed, power.	**385.75**
90-02476	Pressure Transducer Kit	**346.50**

Mid-Tech 744 Control Box

- Kit comes complete with control box, all hardware, 244 Regulator, Liquid Gauge, and three 144A valves.
- Control box features lighted pressure gauge for night use and heavy-duty switches with LED indicators.

PART	DESCRIPTION	PRICE
90-50163	Complete Spray Control Kit w/ 144A valves.	**566.65(H)**
	PARTS	
51-20008	Liquid Gauge – 100 PSI	**11.60(E)**
75-50033	Console only	**275.50(H)**
90-50149	Console, Bracket, Wires	**317.95(H)**



Aluminum Selector Valve

For manual selective control of 3-section boom sprayers at pressures up to 300 PSI.

- 1" Female NPT inlet and three ¾" Female NPT outlets along with a ¼" FNPT gauge port.
- ¾" FNPT side connection for by-pass and pressure relief valve or for spray gun connection.
- Aluminum construction with stainless steel and plastic internal parts for maximum corrosion resistance.

PART	DESCRIPTION	PRICE (B)
17Y	Selector Valve	**147.10**
AB17	Repair Kit for 17Y Valve	**40.85**

Replacement Wire Harness

- Use with 734/744 controller.

PART	DESCRIPTION	PRICE (F)
45-20100	Power Cable	**39.30**
45-20091	Extension Cable 8'	**56.35**
45-20079	Extension Cable 15'	**96.80**
45-20090	Box to Valves Cable 8'	**54.95**
45-20089	Box to Valves Cable 15'	**98.20**
45-20088	Box to Valves Cable 18'	**115.15**

Note: *Not shown

Gauges

2½" Dry Gauge

- Plastic case (ABS)
- 2½" diameter
- Bronze bourdon tube
- Brass socket
- Glass window
- Metal pointer
- Built-in restrictor
- ¼" NPTM bottom mount

PART	DESCRIPTION	PRICE (E
PG25030	30 PSI	**5.15**
PG25060	60 PSI	**5.15**
PG25100	100 PSI	**5.15**
PG25160	160 PSI	**5.15**
PG25200	200 PSI	**5.15**
PG25300	300 PSI	**5.15**
PG25400	400 PSI	**5.15**
PG25600	600 PSI	**5.15**
PG251000	1000 PSI	**5.15**

4" Dry Ammonia

- 316 Stainless steel movement
- 316 Stainless steel bourdon tube
- White aluminum dial
- Acrylic window
- Enameled steel case
- Stainless steel ¼ MPT connection
- Stainless steel wetted parts

PART	DESCRIPTION	PRICE (E)
PG4AM-060	60 PSI Dry Ammonia Gauge	**19.95**
PG4AM-160	160 PSI Dry Ammonia Gauge	**19.95**

4" Dry Gauge

- Dual scale
- Steel black painted case
- Copper bourdon tube
- ¼" MPT brass mount
- White aluminum face
- Acrylic lens

PART	DESCRIPTION	PRICE (E)
PG4DRY-100	4" 100 PSI Dry Gauge	**11.50**
PG4DRY-160	4" 160 PSI Dry Gauge	**11.50**

2½" Liquid Filled Gauge

- 2½" diameter
- Stainless steel case
- Metal pointer
- Liquid filled
- Bronze bourdon tube
- Brass socket
- Glass window
- Restrictor
- ¼" NPTM bottom mount

PART	DESCRIPTION	PRICE (E)
PG0060	60 PSI	**11.60**
PG0100	100 PSI	**11.60**
PG0160	160 PSI	**11.60**
PG0300	300 PSI	**11.60**
PG0600	600 PSI	**11.60**
PG1000	1000 PSI	**11.60**
PG2000	2000 PSI	**11.60**
PG3000	3000 PSI	**11.60**
PG5000	5000 PSI	**11.60**
PG10000	10000 PSI	**11.60**

2" & 4" All Stainless Liquid Gauges

Designed for use with any medium not corrosive to stainless steel. Liquid-filled for reduced shock and needle vibration.

- 304 stainless steel case
- 316 stainless steel Bourdon tube
- All wetted parts stainless steel
- ¼" MPT 316 stainless steel mount
- White aluminum face
- Polycarbonate lens
- Single scale face plate in PSI only

PART	DESCRIPTION	PRICE (E)
PGSS-060	2" 60 PSI All Stainless	**43.95**
PGSS-100	2" 100 PSI All Stainless	**43.95**
PG4-060-SS	4" 60 PSI All Stainless	**81.50**
PG4-100-SS	4" 100 PSI All Stainless	**81.50**

Other pressure ranges available by special order; please inquire.

1/8" Nylon Gauge Tube Union

PART	DESCRIPTION	PRICE (E)
1182	1/8" X 1/8" Gauge Tube Union	**4.40**

Rear Mount Liquid Gauge

- 2½" diameter
- Stainless steel case)
- Metal pointer
- Liquid filled
- Bronze bourdon tube
- Brass socket
- Glass window
- Restrictor
- ¼" NPTM bottom mount

PART	DESCRIPTION	PRICE (E)
PG0060R	60 PSI	**11.60**
PG0160R	160 PSI	**11.60**

4" Liquid Gauge

- 304 stainless steel case
- Bronze tube
- Brass stem and internals
- White enameled aluminum dial face
- Black enameled aluminum pointer
- Acrylic window
- Liquid filled
- Built-in restrictor

PART	DESCRIPTION	PRICE (E)
PG4-030	30 PSI Liquid Gauge 4"	**39.65**
PG4-060*	60 PSI Liquid Gauge 4"	**39.65**
PG4-100*	100 PSI Liquid Gauge 4"	**39.65**
PG4-160*	160 PSI Liquid Gauge 4"	**39.65**
PG4-200	200 PSI Liquid Gauge 4"	**39.65**
PG4-300	300 PSI Liquid Gauge 4"	**39.65**
PG4-400	400 PSI Liquid Gauge 4"	**39.65**
PG4-600	600 PSI Liquid Gauge 4"	**47.50**
PG4-1000	1000 PSI Liquid Gauge 4"	**47.50**
PG4-1500	1500 PSI Liquid Gauge 4"	**39.65**
PG4-2000	2000 PSI Liquid Gauge 4"	**47.50**
PG4-3000	3000 PSI Liquid Gauge 4"	**47.50**
PG4-5000	5000 PSI Liquid Gauge 4"	**47.50**
PG4-6000	6000 PSI Liquid Gauge 4"	**47.50**
PG4-10000	10000 PSI Liquid Gauge 4"	**39.65**

* Denotes regular stocked item.

Pressure Gauge Hose

PART	DESCRIPTION	PRICE/FT. (F)
1/8TUBING	⅛"	**.40**

TeeJet® BANJO®

FNPT model shown

Banjo 3" On/Off Valve

- Female NPT or Manifold style.
- Stainless steel hardware.
- Fiberglass reinforced polypropylene.
- Glass reinforced PTFE seats.
- FKM (Viton type) or EPDM O-rings.
- 12-Volt DC operated.
- 100 PSI maximum pressure @ 70ºF.
- Internally fused/automatic reset.

PART	DESCRIPTION	PRICE (C)
EV300FP	3" FNPT, 12 Volt, 3 Sec., 3 Wire	**2038.15**
MEV300CF	3" Manifold, 12 V, 3 Sec., 3 Wire	**2038.15**

Poly Relief Valves

- Stainless steel spring.
- 1/4" blind port for pressure gauge to be drilled by customer.
- Up to 150 PSI.

PART	DESCRIPTION	PRICE (B)
23120-1/2	1/2"	**39.25**
23120-3/4	3/4"	**39.25**
AB23120	Repair Kit	**19.35**

Diaphragm Relief Valves

- Stainless steel springs.
- 56 GPM max. (1/2" model), 70 GPM max. (3/4" model)
- 50-300 PSI.
- Diaphragm operation.

PART	DESCRIPTION	PRICE (B)
84601/2300	1/2" - 300 PSI	**72.00**
84603/4300	3/4" - 300 PSI	**72.00**
84601/250	1/2" - 50 PSI	**72.00**
84603/450	3/4" - 50 PSI	**72.00**
AB8460	Repair Kit	**26.00**

3/4"

Banjo 12 V Valve

- 4 second delay.

PART	DESCRIPTION	PRICE (C)
EV075	3/4"	**483.10**
EV100FP	1"	**483.10**
EV125	1 1/4"	**483.10**

244 Regulator

- 100 PSI max., 28 GPM (5 PSI drop).
- 3/4" inlet/outlet.
- 0.15 amp draw.
- 2 wire lead for 12 V.

PART	DESCRIPTION	PRICE (B)
2443/4	Regulator	**175.35**

110 Relief Valves

- 1/4" or 3/8".
- 1000 PSI max.

PART	DESCRIPTION	PRICE (B)
1101/450	1/4", 50 PSI	**62.95**
1101/4300	1/4", 300 PSI	**62.95**
1101/4700	1/4", 700 PSI	**62.95**
1103/8300	3/8", 300 PSI	**62.95**
1103/8700	3/8", 300-700 PSI	**62.95**
1103/81000	1000 PSI	**67.35**

2"

Banjo 12 V Valve

- 4 second delay.

PART	DESCRIPTION	PRICE (C)
EV150	1 1/2"	**708.15**
EV204FP	2" - Full Port	**747.45**

2-Way Valves

PART	DESCRIPTION	PRICE (B)
344BEC23-3/4	3/4", 2 Sec. Shut-off	**340.00**
344BEC24-1	1", 2 Sec. Shut-off	**340.00**
344BR2401C	1", 18 Sec. Shut-off	**349.40**
AB344AE	Repair Kit	**62.15**

110 Series Aluminum Valves

- Brass available on request.
- 150 PSI max.

PART	DESCRIPTION	PRICE (B)
110-1AL	1"	**178.85**
110-11/4AL	1 1/4"	**193.85**
110-11/2AL	1 1/2"	**193.85**

450 Series Shut-Off Valve

- 2-Way manifold-style shut-off valve w/ 1" Female NPT outlet port.
- Flying leads.
- 0.7 Second shut-off fully open to close.
- Maximum 200 PSI.

PART	DESCRIPTION	PRICE (B)
451BEC-24-C	Manifold Valve	**348.60**

3-Way Valves

- 2 second delay.

PART	DESCRIPTION	PRICE (B)
344BEC3-1	1"	**416.10**
AB344AE	Repair Kit	**62.15**

6815 Relief Valves

- Up to 1200 PSI.
- Hardened SS seats available.

PART	DESCRIPTION	PRICE (B)
68151/250	1/2", 50 PSI	**83.60**
68151/2300	1/2", 300 PSI	**83.60**
68151/2700	1/2", 700 PSI	**83.60**
68151/21200HS	1/2", 1200 PSI	**172.25**
68153/450	3/4", 50 PSI	**83.60**
68153/4300	3/4", 300 PSI	**83.60**
68153/4700	3/4", 700 PSI	**83.60**
68153/41200HS	3/4", 1200 PSI	**172.25**
AB6815300	300 PSI Repair Kit	**18.20**

144P Series Valve

- 100 PSI max., 10 GPM (5 PSI drop).
- Viton diaphragms.
- No stroke adjustment required.
- SS armature and armature stop.
- ¾" inlet, ½" outlet.
- 2.5 amp draw.

PART	DESCRIPTION	PRICE (B)
144P1	Solenoid Valve	**236.65**

144A Series Valves

- Poly body with EPDM diaphragm.
- Coil serviced without removal of valve.
- 100 PSI max., 10 GPM (5 PSI drop).
- 2.5 amp draw.
- ¾" inlet, ½" outlet.

PART	DESCRIPTION	PRICE (B)
144 A1	Valve	**171.75**
144 A2	2 Gang	**347.85**
144 A3	3 Gang	**524.05**
AB144A1	Repair Kit 5/8" Hole	**31.65**

145 Series Valve

- Fiberglass reinforced body.
- 100 PSI max., 15 GPM (5 PSI drop).
- 2.9 amp draw.
- 1" inlet/outlet.

PART	DESCRIPTION	PRICE (B)
145H1	1" x 1"	**393.15**
AB145H	Repair Kit	**57.00**
AB145HVI	Viton Kit	**81.65**

Foam Marker Solenoid Valve

- Internal parts are brass, stainless steel and zinc plated.
- EPDM seat washer and diaphragm.
- 0-50 operating range.
- 8 GPM (5 PSI drop).

PART	DESCRIPTION	PRICE (B)
144F13	Foam Marker Solenoid	**192.40**

144A1 3-Way Valve

- 0-65 PSI., 8 GPM (5 PSI drop).
- Coil changer without removing valve.
- EPDM seat washer and diaphragm.

PART	DESCRIPTION	PRICE (B)
144A13	3-Way Valve	**233.65**
AB144A13	Repair Kit	**36.30**

430 Series 2-Way Valves

- Durable – all metal gears provide long wear life; stainless steel stem and ball resist corrosion
- Economical – reliable performance at a reasonable cost
- Flow Rate: 11.7 gpm @ 5 psi; 16.5 gpm @ 10 psi pressure drop

CALL US OR SEE PARTS SECTION IN CATALOGUE FOR PRICING AND ORDERING INFORMATION

BANJO Mini Electric Ball Valves

- Two styles – Female NPT and mini manifold
- 12 Volt DC
- Response time: 1/3 second from open to close
- Fibreglass reinforced polypropylene ball
- TFM seats
- EDPM seals
- Maximum pressure: 200 PSI @ 70ºF (21.1ºC)
- Stationary current draw: less than 0.04 amps
- Rotating current draw: less than 0.40 amps
- Stall current: 0.75 amps
- Standard 3 wire configuration
- Integrated mounting slot

NEW!

LEV038 shown

Banjo Mini Female NPT 12V Electrical Ball Valves

PART	DESCRIPTION	PRICE (C)
LEV038	3/8" Full Port Valve – 3/8" FNPT ports, 3/8" opening through ball	**183.75**
LEV050	1/2" Full Port Valve – 1/2" FNPT ports, 15/32" opening through ball	**183.75**

NEW!

Banjo Mini Manifold 12V Electrical Ball Valve

PART	DESCRIPTION	PRICE (C)
MLEV100	1" Electric Valve – 1" Manifold ports, 1/2" opening through ball	**196.15**

2055 Sprayer Control System

Single control system for sprayers which require control for only one motorized boom shut-off valve.

The 2055 Sprayer Control 12-Volt Kit includes control panel with 0 – 200 PSI pressure gauge, mounting bracket, toggle-type ON/OFF boom switch and pressure regulator switch, 8' power cord with fuse holder, 15' sprayer harness, model 1541 1'' NPT pressure regulator, and model 1999A1 solenoid valve.

Maximum operating capacity of solenoid is 18 GPM and 175 PSI.

PART	DESCRIPTION	PRICE (E)
2055	2055 Sprayer Single Valve Control System	**489.10**

2380 Sprayer Control System

Triple controller system ideal for use on a sprayer with a three section spray boom set-up operating at 10 GPM or less.

The 2380 Sprayer Control 12-Volt Kit includes control panel with 0 – 100 PSI pressure gauge, mounting bracket, toggle-type ON/OFF boom switch and pressure regulator switch, 6' cab harness with fuse holder, 8' sprayer harness, model 1560A ¾'' NPT pressure regulator, and model 2500B-3 solenoid valves (3 x 2500B-1 valves).

Maximum operating capacity of the 2500B-3 solenoid is 10 GPM and 100 PSI.

PART	DESCRIPTION	PRICE (E)
2380	2380 Sprayer Triple Valve Control System – 10 GPM	**711.90**
1231	15' extension harness w/ quick disconnects	**88.00**
1987	Spray Control Box only	**355.65**
1576	Wire Harness - 8 foot	**94.90**
2151	Mounting bracket for 2500B-3 Valves	**27.35**

2040L Sprayer Control System

Triple controller system ideal for use on a sprayer with a three section spray boom set-up operating at up to 18 GPM.

The 2040L Sprayer Control 12-Volt Kit includes control panel with 0 – 100 PSI liquid-filled pressure gauge, mounting bracket, toggle-type ON/OFF boom switch and pressure regulator switch, 6' cab harness with fuse holder, 8' sprayer harness, model 1541A 1'' NPT pressure regulator, and model 1999A-3 solenoid valves (3 x 1999A-1 valves).

Maximum operating capacity of the 1999A-3 solenoid is 18 GPM and 175 PSI.

PART	DESCRIPTION	PRICE (E)
2040L	2040 Sprayer Triple Valve Control System – 18 GPM	**907.10**

Electric Sprayer Pressure Regulator
The Model 1560 and 1541 electric pressure regulators are equipped with a precision high torque motor and gear reduction, and high strength valve body for heavy-duty service. Chemical resistant glass-filled nylon body has stainless steel motor shaft and butterfly, and Viton seal. Low current draw, 50 MA at 12 volt. Maximum recommended pressure is 150 PSI. Speed at 12 volt = 1 RPM, at 6 volt = .5 RPM.

Model 1560: 3/4" NPT with 3/4" orifice and close-tolerance butterfly for use as either bypass regulator or throttling valve. Use for flow rates up to 50 GPM.

Model 1541: 1" NPT with 1" orifice. Use for flow rates from 15 to 100 GPM.

PART	DESCRIPTION	PRICE (E)
1560A	3/4" - Up to 50 GPM	**133.85**
1541A	1" - 15 to 100 GPM	**152.90**

Chemical Isolator Kit
Chemical isolator kit keeps chemicals from entering tractor or truck cab for added operator safety. Dampens and protects pressure gauge from corrosive chemicals. Large capacity assures accurate pressure reading. Maximum operating pressure, 150 PSI (1000 kPa). Pre-filled at the factory with non-toxic RV antifreeze.

2300 chemical isolator kit complete with mounting bracket and fittings for both 1/8" and 1/4" tubing. Packed in clam shell display package.

PART	DESCRIPTION	PRICE (E)
2300	Kit	**74.95**

2200 Series Solenoid Valves
Series 2200 12-Volt DC solenoid valves have 1/4" NPT female inlet and outlet. The valve housing is made of glass filled nylon and the wetted metal parts of 304 and 430 stainless steel. Viton seals and O-rings are standard. Coils are totally epoxy encapsulated with 1/4 male spade or Weather Pack sealed electrical connections. These direct operating valves can be used for foam and dye markers, small sprayers, boom end nozzles, chemical injection systems, individual nozzle shut-offs, etc.

PART	DESCRIPTION	PRICE (E)
2203A	1/4" NPT, 1/2 GPM, 175 PSI	**76.50**

3-Way Solenoid Valve
The 2204 3-way 12-volt DC solenoid valve has a 1/4" female NPT inlet and two 1/4" female NPT outlets. The valve housing is made of glass-filled nylon and the wetted metal parts are made of 304 and 430 stainless steel. Viton seals and O-rings are standard. The weather resistant coil is totally epoxy-encapsulated.

Ideal for foam markers to control both air and liquid – 0.105 diameter orifice, 0.22 CV rating, 1/2 GPM (1.9 LPM), 40 PSI (275 kPa), 12-Volt DC, 0.85 amps.

PART	DESCRIPTION	PRICE (E)
2204A	3-Way Solenoid Valve	**90.95**

2500B Series 12-Volt Electric Shut-off Valves
The 2500B boom shut-off valves feature a 3/4" FNPT inlet, 3/4" MNPT bypass outlet, and 1/2" FNPT boom outlet. The epoxy-encapsulated coil draws 1.7 amps at 12 volts. Wetted parts are made of 430 stainless steel and chemical resistant glass filled nylon body. Equipped with Viton seat and seal. Can be "ganged" together by simply screwing one to another.

The 2500B Series valves operate at a maximum 100 PSI and 0 to 10 GPM (only 5 PSI loss @ 10 GPM).

PART	DESCRIPTION	PRICE (E)
2500B-1	Solenoid Shut-off Valve, Single	**117.50**
2352	Repair Kit for 2500 Series Valve	**24.75**

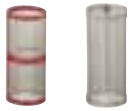
1999A Series Electric Shut-off Valve
Series 1999A 12 volt DC electric boom shut-off valves have 1" NPT female inlet, 1" male bypass outlet, and 3/4" NPT female boom line outlet for high volume applications at minimum pressure loss (pressure drop is only 5 PSI at 15 GPM). Current draw of only 1.1 amp per valve. Chemical resistant glass-filled nylon body with Viton diaphragm and seals. Maximum operating pressure is 175 PSI. For multiple valve units, simply screw one valve to another.

PART	DESCRIPTION	PRICE (E)
1999A1	Solenoid Valve	**159.20**
1999A1-KIT	Repair Kit new style short plunger	**61.35**
1999A1-KIT-OLD	Repair Kit old style short plunger 1 1/4"	**81.75**

Filters TeeJet®

- 1/2", 3/4" Ports
- 100 PSI Maximum
- 100º F Maximum Temp.

To Order: Order filter less screen and appropriate screen separately



45102* 23174*

PART	DESCRIPTION	PRICE (B)
1221/2PP-LS	1/2" Poly Filter Less Screen	**12.90**
1223/4PP-LS	3/4" Poly Filter Less Screen	**12.90**
SCREENS		
PART	**DESCRIPTION**	**PRICE (B)**
23174-1	16 Mesh Stainless Steel Screen	**7.00**
23174-2	30 Mesh Stainless Steel Screen	**7.00**
45102-3	50 Mesh Red Poly Screen	**7.70**
45102-4	80 Mesh Blue Poly Screen	**7.70**
45102-5	100 Mesh Green Poly Screen	**7.70**

Parts

PART	DESCRIPTION	PRICE (E)
23172PP	Poly Bowl	**8.20**
23173EPR	EPR Bowl Gasket	**5.30**
23173VI	Viton Bowl Gasket	**10.20**

- Poly self cleaning filter

To Order: Order filter less screen and appropriate screen separately

Poly Self-Cleaning

PART	DESCRIPTION	PRICE (B)
1263/4PPSC-LS	3/4" Poly Filter Self Cleaning Less Screen	**33.75**
1261PPSC-LS	1" Poly Filter Self Cleaning Less Screen	**33.75**
12611/4NYSC-LS	1 1/4" Poly Filter Self Cleaning Less Screen	**53.85**
12611/2NYSC-LS	1 1/2" Poly Filter Self Cleaning Less Screen	**53.85**
126MLF50SC-LS	50 Series Flange Self Cleaning Less Screen	**33.75**
126MLF75SC-LS	75 Series Flange Self Cleaning Less Screen	**54.90**
SCREENS		
PART	**DESCRIPTION**	**PRICE (B)**
12285-1	16 Mesh Stainless Steel Screen	**23.05**
12285-4	30 Mesh Stainless Steel Screen	**23.05**
12285-2	50 Mesh Stainless Steel Screen	**23.05**
12285-3	80 Mesh Stainless Steel Screen	**23.05**
12285-6	100 Mesh Stainless Steel Screen	**23.05**

Mounting Lug

PART	SIZE	GPM	PRICE (B)
1243/4ALML*	3/4"	23	**120.75**
1241ALML*	1"	34	**120.75**
12411/4ALML*	1-1/4"	60	**185.70**
12411/2ALML*	1-1/2"	70	**185.70**
1242ALML*	2"	160	**428.95**
12421/2ALML*	2-1/2"	170	**428.95**
* Specify mesh size; price includes screen			

Aluminum Self-Cleaning

PART	SIZE	MIN. BYPASS REQUIRED	PRICE (B)
124 3/4ALMLSC-*	3/4" MI Self Clean	6 GPM	**150.25**
124 1 ALMLSC-*	1" MI Self Clean	6 GPM	**150.25**
124 1 1/4 ALMLSC-*	1 1/2" MI Self Clean	8 GPM	**258.35**
124 1 1/2 ALMLSC-*	1 1/2" MI Self Clean	8 GPM	**258.35**
* Specify mesh size; price includes screen			

Parts

ITEM	3/4" & 1"	PRICE (B)	1-1/4" & 1-1/2"	PRICE (B)
Bowl	15403-1NY	**30.50**	21035NY	**48.10**
Gasket	7717-2/226VI	**13.50**	12291VI	**17.20**
Inner Cylinder	22408PP	**15.35**	22835NY	**49.10**
Bypass Adapter	22406NY	**12.95**	21034AL	**65.75**
O-Ring for Adapter	7717-2/121 VI	**13.50**	7717-2/135 VI	**9.95**
16 Mesh Screen	12285-1	**23.05**	12290-1	**40.30**
30 Mesh Screen	12285-4	**23.05**	12290-2	**40.30**
50 Mesh Screen	12285-2	**23.05**	12290-3	**40.30**
80 Mesh Screen	12285-3	**23.05**	12290-4	**40.30**
100 Mesh Screen	12285-6	**23.05**	12290-8	**40.30**

Aluminum Filters

PART	SIZE	GPM	PRICE (B)
1243/4AL*	3/4"	23	**102.95**
1241AL*	1"	34	**102.95**
12411/4AL*	1-1/4"	60	**160.05**
12411/2AL*	1-1/2"	70	**160.05**
1242AL*	2"	160	**349.55**
12421/2AL*	2-1/2"	170	**367.00**
* Specify mesh size; price includes screen			

Screens

MESH SIZE	¾" & 1"	PRICE (B)	1-1/4" & 1-1/2"	PRICE (B)	2", 2-1/2"	PRICE (B)
16	16903-1	**14.95**	15941-1	**21.05**	14634-1	**70.15**
30	16903-3	**14.95**	15941-2	**21.05**	14634-2	**70.15**
50	16903-4	**14.95**	15941-3	**21.05**	14634-3	**70.15**
80	16903-5	**14.95**	15941-4	**21.05**	14634-4	**70.15**
100	16903-6	**14.95**	15941-5	**21.05**	14634-8	**70.15**
120	N/A	**N/A**	15941-6	**21.05**	N/A	**N/A**
200	16903-7	**14.95**	N/A	**N/A**	N/A	**N/A**

NOTE: 14634 Series Screens are all Stainless Steel without Colour Coding

Parts

ITEM	3/4" & 1"	PRICE (B)	1-1/4" & 1-1/2"	PRICE (B)	2", 2-1/2"	PRICE (B)
Bowl	15403-NY	**32.65**	12288NY	**56.70**	14635NY	**106.35**
Gasket	7717-2/226VI	**13.50**	12291BU	**5.50**	14633BU	**8.55**

Strainers

126 Flush-out Line Strainer

- 200 PSI max.
- Polypropylene bowl & head.
- EPDM Gasket.
- Removable cap for flush-out.
- May be mounted with M8 or 5/16" bolts.

126MLI-*

126MLF50-*

16903-4

How To Order:
- Order filter less the screen
- Order appropriate screen

PART	DESCRIPTION	PRICE (B)
126ML3/4-LS	3/4" Nylon Filter Less Screen	**21.80**
126ML1-LS	1" Nylon Filter Less Screen	**21.80**
126MLF50-LS	50 Series Flange Filter Less Screen	**21.80**
SCREENS		
PART	**DESCRIPTION**	**PRICE (B)**
16903-1	16 Mesh Screen	**14.95**
16903-2	20 Mesh Screen	**14.95**
16903-3	30 Mesh Screen	**14.95**
16903-4	50 Mesh Screen	**14.95**
16903-5	80 Mesh Screen	**14.95**
16903-6	100 Mesh Screen	**14.95**
16903-7	200 Mesh Screen	**14.95**

3" Strainer

- 3" poly strainer and screen.
- 70 PSI at 70°F.
- 1/2" drain plug.

How To Order:
- Order filter less the screen
- Order appropriate screen

PART	DESCRIPTION	PRICE (B)
YLS300-LS	3" "Y" Filter Less Screen	**262.35**
SCREENS		
PART	**DESCRIPTION**	**PRICE (B)**
YLS62231	6 Mesh Screen	**105.75**
YLS62249	12 Mesh Screen	**105.75**
YLS62252	20 Mesh Screen	**105.75**
YLS62261	40 Mesh Screen	**105.75**
YLS62400	80 Mesh Screen	**105.75**

How To Order:
- Order filter less the screen
- Order appropriate screen

3/4", 1", 2" "Y" Strainer

PART	DESCRIPTION	PRICE (B)
YLS075-LS	3/4" Filter Less Screen	**18.10**
YLS100-LS	1" Filter Less Screen	**21.90**
YLS150-LS	1 1/2" Filter less Screen	**38.50**
YLS200-LS	2" Filter Less Screen	**38.50**
SCREENS		
PART	**DESCRIPTION**	**PRICE (B)**
YLS61450	40 Mesh Screen for 3/4"	**11.45**
YLS61451	80 Mesh Screen for 3/4"	**12.10**
YLS61746	40 Mesh Screen for 1"	**12.55**
YLS61747	80 Mesh Screen for 1"	**14.35**
YLS61508	20 Mesh Screen for 1 1/2", 2"	**22.70**
YLS61509	40 Mesh Screen for 1 1/2", 2"	**28.60**
YLS61510	80 Mesh Screen for 1 1/2", 2"	**28.60**

126ML11/4NY-*
126ML11/2NY-*

126ML75-*

15941-3

126 Flush-out Line Strainer

- 200 PSI max.
- Polypropylene bowl & head.
- EPDM Gasket.
- Removable cap for flush-out.
- May be mounted with M10 or 3/8" bolts.

How To Order:
- Order filter less the screen
- Order appropriate screen

PART	DESCRIPTION	PRICE (B)
126ML11/4NY-LS	1 1/4" Nylon Filter Less Screen	**53.85**
126ML11/2NY-LS	1 1/2" Nylon Filter Less Screen	**53.85**
126MLF75-LS	75 Series Flange Filter Less Screen	**53.85**
SCREENS		
PART	**DESCRIPTION**	**PRICE (B)**
15941-1	16 Mesh Screen	**21.05**
15941-2	30 Mesh Screen	**21.05**
15941-3	50 Mesh Screen	**21.05**
15941-4	80 Mesh Screen	**21.05**
15941-5	100 Mesh Screen	**21.05**
15941-6	120 Mesh Screen	**21.05**

Hypro Poly Self Cleaning Filter

- 215 PSI max.
- 1 1/2" ports in/out.
- 32, 50, 80, or 100 mesh.

PART	DESCRIPTION	PRICE (E)
3350-0171N	1 1/2", 50M Filter	**57.70**
3800-0094	32 Mesh White Screen	**12.80**
3800-0095	50 Mesh Blue Screen	**12.80**
3800-0096	80 Mesh Grey Screen	**12.80**
3800-0097	100 Mesh Red Screen	**12.80**
G10090	Gasket	**6.80**

Hypro Poly Filter

- 1/2" FNPT 150 PSI Maximum
- 3/4" FNPT 200 PSI Maximum

PART	DESCRIPTION	PRICE (B)
3350-0143N	1/2" 50 Mesh Poly Filter	**22.50**
3350-0147N	3/4" 50 Mesh Poly Filter	**22.50**

PARTS

PART	DESCRIPTION	PRICE (B)
3800-0086	32 M White Screen 1/2", 3/4"	**7.55**
3800-0087	50 M Blue Screen 1/2", 3/4"	**7.55**
3800-0088	80 M Grey Screen 1/2", 3/4"	**7.55**
3800-0089	100 M Red Screen 1/2", 3/4"	**7.55**
G41001	EPDM Gasket 1/2", 3/4"	**2.80**

Small Filter

- 1/2" NPT(M) x 1/4" NPT(F) threads.

PART	DESCRIPTION	PRICE (E)
3350-0082A	80M Filter Complete	**10.50**
3800-0047	80M Screen	**5.65**
3351-0036	Bowl	**2.80**
1700-0090	Gasket	**1.05**
3351-0035	Head	**3.00**

Hypro Poly Filter

- 200 PSI max.
- 1" NPT in/out ports.

PART	DESCRIPTION	PRICE (B)
3350-0151N	1" 50M Filter	**22.50**
3800-0091	50 Mesh Blue Screen only	**9.00**
3800-0092	80 Mesh Grey Screen only	**9.00**
3800-0093	100 Mesh Red Screen only	**9.00**
G11017	Gasket Only	**2.90**

BANJO

Poly "T" Line Strainers

- Heavy-duty glass reinforced polypropylene.
- Clean-out plug.
- 304 stainless steel reinforced screens.
- EPDM gaskets standard. FKM (viton type) available.
- 150 PSI at 70ºF.

How To Order:

- ***Order filter less the screen.***
- ***Order appropriate screen.***

PART	DESCRIPTION	PRICE (C)
LST075-LS	3/4" "T" Filter Less Screen	**22.70**
LST100-LS	1" "T" Filter Less Screen	**22.70**
SCREENS		
PART	**DESCRIPTION**	**PRICE (C)**
LST116	16 Mesh Screen 3/4" & 1" Filter	**18.80**
LST130	30 Mesh Screen 3/4" & 1" Filter	**18.80**
LST150	50 Mesh Screen 3/4" & 1" Filter	**18.80**
LST180	80 Mesh Screen 3/4" & 1" Filter	**18.80**
LST1100	100 Mesh Screen 3/4" & 1" Filter	**18.80**
LST100-G	Gasket 3/4", 1"	**3.60**

LSQ Poly Line Strainer

- Precision molded in glass reinforced polypropylene.
- Cam lever configuration for easy access for cleaning and servicing.
- 3/4" plug in cam lever cap for attaching ball valve for draining or back flushing.
- Poly ribbed stainless steel screen.
- EPDM lathe cut gasket.
- FKM (viton type) gaskets available.
- 75 PSI maximum.

How To Order:

- ***Order filter less the screen.***
- ***Order appropriate screen.***

PART	DESCRIPTION	PRICE (C)
LSQ150-LS	1 1/2" Filter Less Screen	**75.60**
LSQ200-LS	2" Filter Less Screen	**75.60**
SCREENS		
PART	**DESCRIPTION**	**PRICE (C)**
LS2-30	30 Mesh Screen for 1 1/2", 2"	**45.65**
LS2-50	50 Mesh Screen for 1 1/2", 2"	**45.65**
LS2-80	80 Mesh Screen for 1 1/2", 2"	**45.65**
LS2-100	100 Mesh Screen for 1 1/2", 2"	**45.65**
LSQ200-G	EPDM Gasket 1 1/2", 2"	**8.00**

* Note: 6, 12, and 20 Mesh Screens Special Order

Poly "T" Line Strainers

- Heavy-duty glass reinforced polypropylene.
- Clean-out plug.
- 304 stainless steel reinforced screens.
- EPDM gaskets standard. FKM (viton type) available.
- 150 PSI at 70ºF.

How To Order:

- ***Order filter less the screen.***
- ***Order appropriate screen.***

PART	DESCRIPTION	PRICE (C)
LST125-LS	1 1/4" Filter Less Screen	**51.15**
LST150-LS	1 1/2" Filter Less Screen	**51.15**
SCREENS		
PART	**DESCRIPTION**	**PRICE (C)**
LST1516	16 Mesh Screen for 1 1/4", 1 1/2"	**30.85**
LST1530	30 Mesh Screen for 1 1/4", 1 1/2"	**30.85**
LST1550	50 Mesh Screen for 1 1/4", 1 1/2"	**30.85**
LST1580	80 Mesh Screen for 1 1/4", 1 1/2"	**30.85**
LST15100	100 Mesh Screen for 1 1/4", 1 1/2"	**30.85**
LST150-G	EPDM Gasket	**4.00**

Poly "Y" Strainers

- Precision molded construction.
- Corrosion resistant.
- Lightweight.
- Fiberglass reinforced.
- Easy grip end cap.
- Poly ribbed 316 stainless steel screen.
- EPDM gaskets FKM (viton type) available.
- Heavy-duty end cap threads.
- 1/2" - 1 1/4" 75 PSI maximum.
- 1 1/2" - 2" 150 PSI maximum.
- Clean-out plug.
- Female NPT x Female NPT.

How To Order:

- ***Order filter less the screen.***
- ***Order appropriate screen.***

PART	DESCRIPTION	PRICE (C)
LS050-LS	1/2" "Y" Strainer Less Screen	**17.35**
LS075-LS	3/4" "Y" Strainer Less Screen	**17.35**
LS100-LS	1" "Y" Strainer Less Screen	**17.35**
LS125-LS	1 1/4" "Y" Strainer Less Screen	**17.35**
LS150-LS	1 1/2" "Y" Strainer Less Screen	**41.20**
LS200-LS	2" "Y" Strainer Less Screen	**41.20**
SCREENS		
PART	**DESCRIPTION**	**PRICE (C)**
LS7**	20, 40 or 80 Mesh Screen for 1/2", 3/4"	**22.30**
LS1**	20, 40 or 80 Mesh Screen for 1", 1 1/4"	**22.30**
LS2-***	20, 30, 50, 80, 100, 120 Screen for 1 1/2", 2"	**45.65**
LS075-G	EPDM Gasket for 1/2", 3/4"	**3.05**
LS100-G	EPDM Gasket for 1", 1 1/4"	**3.60**
LS150-G	EPDM Gasket for 1 1/2", 2"	**3.60**

Manifold Line Strainer
- EPDM gaskets.
- 316 stainless steel screens.
- 150 PSI maximum.

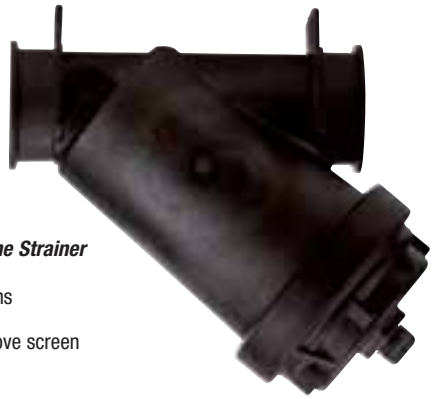
How To Order:
- ***Order filter less the screen.***
- ***Order appropriate screen.***

PART	DESCRIPTION	PRICE (C)
MLS200-LS	2" Standard Port Filter Less Screen	**47.60**
SCREENS		
PART	**DESCRIPTION**	**PRICE (C)**
LS2-20	20 Mesh Stainless Steel Screen	**45.65**
LS2-30	30 Mesh Stainless Steel Screen	**45.65**
LS2-50	50 Mesh Stainless Steel Screen	**45.65**
LS2-80	80 Mesh Stainless Steel Screen	**45.65**
LS2-120	120 Mesh Stainless Steel Screen	**45.65**
LS150-G	Gasket	**3.60**

Manifold Line Strainer
- EPDM gaskets.
- 316 stainless steel screens.
- 150 PSI maximum.

How To Order:
- ***Order filter less the screen.***
- ***Order appropriate screen.***

PART	DESCRIPTION	PRICE (C)
MLS222-LS	2" Full Port Manifold Filter Less Screen	**71.60**
SCREENS		
PART	**DESCRIPTION**	**PRICE (C)**
LST204SS	4 Mesh Stainless Steel Screen	**60.75**
LST206SS	6 Mesh Stainless Steel Screen	**60.75**
LST208SS	8 Mesh Stainless Steel Screen	**60.75**
LST210SS	10 Mesh Stainless Steel Screen	**60.75**
LST216SS	16 Mesh Stainless Steel Screen	**60.75**
LST230SS	30 Mesh Stainless Steel Screen	**60.75**
LST250SS	50 Mesh Stainless Steel Screen	**60.75**
LST280SS	80 Mesh Stainless Steel Screen	**60.75**
LST2100SS	100 Mesh Stainless Steel Screen	**60.75**
MLS220-G1	EPDM Gasket for Body	**3.95**



3" Threaded & Manifold Line Strainer
- EPDM gaskets
- 304 Stainless Steel screens
- 75 PSI maximum
- Threaded end cap to remove screen

How To Order:
- ***Order filter less the screen.***
- ***Order appropriate screen required.***

PART	DESCRIPTION	PRICE (C)
LSM300-LS	3" Threaded Strainer less Screen	**423.00**
MLS300-LS	3" Manifold Strainer less Screen	**423.00**
SCREENS		
PART	**DESCRIPTION**	**PRICE (C)**
LS304	4 Mesh Stainless Steel Screen	**141.65**
LS308	8 Mesh Stainless Steel Screen	**141.65**
LS312	12 Mesh Stainless Steel Screen	**141.65**
LS320	20 Mesh Stainless Steel Screen	**141.65**
LS350	50 Mesh Stainless Steel Screen	**141.65**
MLS300G	Gasket	**6.55**

Manifold Line Strainer
- EPDM gaskets.
- 150 PSI maximum.
- Screens are poly cage w/ stainless steel mesh.

How To Order:
- ***Order filter less the screen.***
- ***Order appropriate screen.***

PART	DESCRIPTION	PRICE (C)
MLST100-LS	1" Manifold Filter LESS Screen	**26.80**
MLST150-LS	2" Manifold Filter LESS Screen	**53.55**
SCREENS		
PART	**DESCRIPTION**	**PRICE (C)**
LST116	16 Mesh Screen for MLST100 Filter	**18.80**
LST130	30 Mesh Screen for MLST100 Filter	**18.80**
LST150	50 Mesh Screen for MLST100 Filter	**18.80**
LST180	80 Mesh Screen for MLST100 Filter	**18.80**
LST1100	100 Mesh Screen for MLST100 Filter	**18.80**
LST1516	16 Mesh Screen for MLST150 Filter	**30.85**
LST1530	30 Mesh Screen for MLST150 Filter	**30.85**
LST1550	50 Mesh Screen for MLST150 Filter	**30.85**
LST1580	80 Mesh Screen for MLST150 Filter	**30.85**
LST15100	100 Mesh Screen for MLST150 Filter	**30.85**
LST100-G	Gasket for MLST100 Filter EPDM	**3.60**
LST150-G	Gasket for MLST150 Filter EPDM	**4.00**

TeeJet®

18" Spray Wand

PART	DESCRIPTION	PRICE (F)
WAND18	18" Spray Wand 3/8" Hose	**15.20**

50800 Spray Wand

PART	DESCRIPTION	PRICE (F)
50800-1/4-15PP	Trigger 15" Poly 1/4" Hose Barb	**18.20**
50800-3/8-15PP	Trigger 15" Poly 3/8" Hose Barb	**18.20**
50800-1/4-21AL	Trigger 21" Aluminum 1/4" Hose Barb	**21.75**
50800-3/8-21AL	Trigger 21" Aluminum 3/8" Hose Barb	**21.75**

Adjustable ConeJet

- 11/16 Thread

PART	DESCRIPTION	PRICE (F)
38720PPBX8	Grey - .47 GPM @ 40 PSI	**7.70**
38720PPBX12	Brown - .69 GPM @ 40 PSI	**7.70**
38720PPBX18	Orange - .92 GPM @ 40 PSI	**7.70**
38720PPBX26	Blue - 1.2 GPM @ 40 PSI	**7.70**

Aluminum Spray Guns

- 1/2" NPT female inlet.
- 250 PSI or 800 PSI.
- Trigger lock.
- Good tree spray gun.

PART	DESCRIPTION	PRICE (F)
43LAL6	250 PSI Gun	**160.05**
43HAL6	800 PSI Gun	**160.05**
AB43AL	Repair Kit	**44.15**
10566AL	Nozzle Housing	**20.10**
6492AL	Inlet Body	**33.50**

Telescoping Wand

PART	DESCRIPTION	PRICE (F)
W500	Telescoping Wand 3/8" Hose	**20.90**

Aluminum Wand

- 22" barrel.
- Adjustable spray from cone to pencil.
- 3/4" GH inlet, twist on/off.
- 800 PSI max.

PART	DESCRIPTION	PRICE (B)
143ALGH6	Gunjet	**103.15**
AB143AL	Repair Kit	**33.30**

Brass Extensions

- 11/16" thread inlet/outlet.
- Series 9527 – 1000 PSI insulated.
- Series 6671 & 7715 – 250 PSI.

PART	DESCRIPTION	PRICE (B)
6671-08	8" Curved Extension 250 PSI	**15.80**
6671-18	18" Curved Extension 250 PSI	**19.25**
6671-24	24" Curved Extension 250 PSI	**19.25**
6671-30	30" Curved Extension 250 PSI	**22.45**
6671-36	36" Curved Extension 250 PSI	**25.55**
6671-48	48" Curved Extension 250 PSI	**29.55**
7715-08	8" Straight Extension 250 PSI	**13.50**
7715-18	18" Straight Extension 250 PSI	**17.00**
7715-24	24" Straight Extension 250 PSI	**18.35**
7715-30	30" Straight Extension 250 PSI	**22.05**
7715-36	36" Straight Extension 250 PSI	**23.25**
7715-48	48" Straight Extension 250 PSI	**28.15**
9527-08	8" Curved Extension 1000 PSI	**42.50**
9527-18	18" Curved Extension 1000 PSI	**49.20**
9527-24	24" Curved Extension 1000 PSI	**50.40**
9527-36	36" Curved Extension 1000 PSI	**65.30**
9527-48	48" Curved Extension 1000 PSI	**70.65**

Tree Gun

- 17" barrel.
- 1/2" hose inlet.
- 1200 PSI max.

PART	DESCRIPTION	PRICE (F)
TREEGUN	Tree Spray Gun	**240.95**
TREEGUN-KIT	Repair Kit	**33.70**
HB12	1/2" Hose Barb	**6.35**

Brass Gun

- 24" barrel.
- 800 PSI max.
- GH female inlet.

PART	DESCRIPTION	PRICE (F)
#245	Gunjet	**199.95**

Low Pressure Gunjets

- 24" barrel.
- 250 PSI max.
- Non-drip design with shut off at tip.
- Series 30L – brass wand with nylon trigger.

PART	DESCRIPTION	PRICE (B)
30L-1/4	Gunjet (No Extension)	**71.55**
30L-22425-08	8" Gunjet	**112.80**
30L-22425-18	18" Gunjet	**120.20**
30L-22425-24	24" Gunjet	**127.40**
30L-22425-36	36" Gunjet	**146.35**
30L-22425-48	48" Gunjet	**164.80**

4688 Brass Trigger Valve

- 1/4" FNPT inlet, 11/16" nozzle tread outlet.
- Trigger lock.
- 2 GPM max., 250 PSI max.

PART	DESCRIPTION	PRICE (B)
4688	Trigger	53.65
AB4688	Repair Kit	16.85
6466	Same as 4688 Except no trigger lock	57.85

6590 Brass Trigger Valve

- 1/4" FNPT inlet/outlet.
- 2 GPM max., 250 PSI max.

PART	DESCRIPTION	PRICE (B)
6590	Trigger	54.00
AB6590	Repair Kit	12.25

4754

4725

Brass Gun Handles

- Both fit 4688, 6466, 6590 triggers.

PART	DESCRIPTION	PRICE (B)
47541/4	Handle - 3/4" GH x 1/4" Threads	18.20
47251/4	Handle - 1/4" Threads	11.75

GH Inlet/Outlet

1/4" Inlet/Outlet

Brass Swivels

PART	DESCRIPTION	PRICE (B)
11740	GH Thread Inlet/Outlet	40.85
11990-10	1/4" Inlet/Outlet	19.40

Eductor Agitators

- Allows small pumps to circulate large volumes of liquid.
- Manufactured of glass-filled polypropylene for excellent corrosion and chemical resistance.
- Large flow opening minimizes plugging.
- Available in 3/8" or 3/4" (M) pipe thread inlet connection.

PART	DESCRIPTION	PRICE (B)
Y33180PP	Eductor Nozzle	67.95
Y9270PP	Eductor Nozzle	67.95

Brass Diaphragm Shut-Off

PART	DESCRIPTION	PRICE (B)
4664	1/8" Inlet, 11/16" Outlet	32.50

Brass End Cap Sub-Assembly

PART	DESCRIPTION	PRICE (B)
9758	Brass	5.30

Brass Retainer

PART	DESCRIPTION	PRICE (B)
4624	Fits 4664 Check Valve	3.20

Diaphragm Fairprene

PART	DESCRIPTION	PRICE (B)
4620FA	Fits 4664 Check Valve	.50

TeeJet Lawn Spray Guns

Model 25660

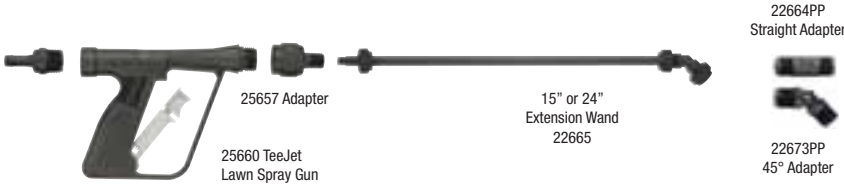
NOZZLE PERFORMANCE CHART				
PART NUMBER	CAPACITY (GPM) – VARIOUS PSI*			
	2 PSI	6 PSI	10 PSI	20 PSI
256701.5	1.4	2.3	2.9	4.0
256703.0	2.0	3.2	4.1	5.6
256704.0	2.3	3.7	4.7	6.4

*Pressure measured at spray nozzle

Features:

- Standard gun (part # 256601.5) comes complete with grey 4 GPM @ 20 PSI nozzle.
- Interchangeable nozzle tips are colour-coded for easy identification of nozzle tip size.
- Nozzle tips provide a 45° full cone "showerhead" spray pattern.
- Convenient trigger lock for continuous spraying.
- Options available: hose shank swivel for inlet connection and extension wands (15" or 24") and adapters for low-volume and spot spraying.
- Maximum 200 PSI operating pressure.
- Made of Nylon w/ Viton® O-rings and stainless steel springs.

PART	DESCRIPTION	PRICE(B)
256601.5	Fertilizer Spray Gun	111.75
AB25660	Repair kit for gun	21.25
25990	Swivel 3/4" MNPT x 1/2" hose barb	14.45
25657	Adapter to accept wands	24.70
2266515PP	15" Wand assembly	12.75
2266524PP	24" Wand assembly	21.20
22664PP	Straight adapter	2.05
22673PPB	45° Adapter	2.00
256701.5	Grey Nozzle – 4.0 GPM	15.75
256703.0	Black Nozzle – 5.6 GPM	15.75
256704.0	Red Nozzle – 6.4 GPM	15.75



ER Series Combo-Jet Nozzle Components

- ER8002 avg. median dia. @ 40 PSI: 224 microns.
- Comes with O-ring seal.

80°

PART	DESCRIPTION	PRICE (B)
ER80-01	Spray Tip Orange	**7.45**
ER80-015	Spray Tip Green	**7.45**
ER80-02	Spray Tip Yellow	**7.45**
ER80-025	Spray Tip Purple	**7.45**
ER80-03	Spray Tip Blue	**7.45**
ER80-04	Spray Tip Red	**7.45**
ER80-05	Spray Tip Brown	**7.45**
ER80-06	Spray Tip Grey	**7.45**
ER80-08	Spray Tip White	**7.45**
ER80-10	Spray Tip Light Blue	**9.90**
ER80-125	Spray Tip Teal	**9.90**
ER80-15	Spray Tip Light Green	**9.90**
ER80-20	Spray Tip Black	**9.90**
ER80-30	Spray Tip Black	**9.90**

110°

PART	DESCRIPTION	PRICE (B)
ER110-01	Spray Tip Orange	**7.45**
ER110-015	Spray Tip Green	**7.45**
ER110-02	Spray Tip Yellow	**7.45**
ER110-025	Spray Tip Purple	**7.45**
ER110-03	Spray Tip Blue	**7.45**
ER110-04	Spray Tip Red	**7.45**
ER110-05	Spray Tip Brown	**7.45**
ER110-06	Spray Tip Grey	**7.45**
ER110-08	Spray Tip White	**7.45**
ER110-10	Spray Tip Light Blue	**9.90**

DR Series Combo-Jet Combined Spray Tip/Cap Screen Nozzle System

Major advantages of Combo-Jet® DR series:

- Reduction of 75 to 95% of driftable fines compared to standard nozzles.
- DR8002 avg. median dia. @ 40 PSI: 416 microns.

PART	DESCRIPTION	PRICE (B)
DR80-01	Spray Tip Orange	**12.75**
DR80-015	Spray Tip Green	**12.75**
DR80-02	Spray Tip Yellow	**12.75**
DR80-025	Spray Tip Purple	**12.75**
DR80-03	Spray Tip Blue	**12.75**
DR80-04	Spray Tip Red	**12.75**
DR80-05	Spray Tip Brown	**14.65**
DR80-06	Spray Tip Grey	**14.65**
DR80-08	Spray Tip White	**14.65**
DR80-10	Spray Tip Black	**14.65**
DR80-15	Spray Tip Black	**14.65**
DR80-20	Spray Tip Black	**14.65**
DR80-25	Spray Tip Black	**14.65**

Note: Includes O-ring installed in cap

MR Series Combo-Jet Spray Tips

- Similar to DR Series, but the MR tip decreases the volume median diameter of droplet.
- More droplet size in the 290 micron range for improved chemical efficacy.
- MR8002 avg. median dia. @ 40 PSI: 293 microns.

80°

PART	DESCRIPTION	PRICE (B)
MR80-01	Spray Tip Orange	**12.75**
MR80-015	Spray Tip Green	**12.75**
MR80-02	Spray Tip Yellow	**12.75**
MR80-025	Spray Tip Purple	**12.75**
MR80-03	Spray Tip Blue	**12.75**
MR80-04	Spray Tip Red	**12.75**
MR80-05	Spray Tip Brown	**12.75**
MR80-06	Spray Tip Grey	**14.65**
MR80-08	Spray Tip White	**14.65**
MR80-10	Spray Tip Light Blue	**14.65**
MR80-125	Spray Tip Teal	**14.65**
MR80-15	Spray Tip Light Green	**14.65**
MR80-20	Spray Tip Tan	**14.65**
MR80-25	Spray Tip Black	**14.65**
MR80-30	Spray Tip Black	**14.65**
MR80-40	Spray Tip Black	**14.65**
MR80-50	Spray Tip Black	**14.65**

110°

PART	DESCRIPTION	PRICE (B)
MR110-01	Spray Tip (N/A)	**0.00**
MR110-015	Spray Tip Green	**12.75**
MR110-02	Spray Tip Yellow	**12.75**
MR110-025	Spray Tip Purple	**12.75**
MR110-03	Spray Tip Blue	**12.75**
MR110-04	Spray Tip Red	**12.75**
MR110-05	Spray Tip Brown	**12.75**
MR110-06	Spray Tip Grey	**14.65**
MR110-08	Spray Tip White	**14.65**
MR110-10	Spray Tip Light Blue	**14.65**
MR110-125	Spray Tip Black	**14.65**

Note: Includes O-ring installed in cap

Combo-Jet Seal Ring

PART	PRICE (B)
40260-00	**.25**

SR Series Combo-Jet Spray Tips

- Drift Reduction Tip with drop size larger than the"ER" Series and smaller than the "MR" Series.
- Available in 80° and 110°.

80°

PART	DESCRIPTION	PRICE (B)
SR80-01	Spray Tip Orange	**12.75**
SR80-015	Spray Tip Green	**12.75**
SR80-02	Spray Tip Yellow	**12.75**
SR80-025	Spray Tip Purple	**12.75**
SR80-03	Spray Tip Blue	**12.75**
SR80-04	Spray Tip Red	**12.75**
SR80-05	Spray Tip Brown	**12.75**
SR80-06	Spray Tip Grey	**12.75**
SR80-08	Spray Tip White	**14.65**
SR80-10	Spray Tip Light Blue	**14.65**
SR80-125	Spray Tip Teal	**14.65**
SR80-15	Spray Tip Light Green	**14.65**
SR80-20	Spray Tip Black	**14.65**
SR80-25	Spray Tip Black	**14.65**
SR80-30	Spray Tip Black	**14.65**
SR80-40	Spray Tip Black	**14.65**
SR80-50	Spray Tip Black	**14.65**

110°

PART	DESCRIPTION	PRICE (B)
SR110-015	Spray Tip Green	**12.75**
SR110-02	Spray Tip Yellow	**12.75**
SR110-025	Spray Tip Purple	**12.75**
SR110-03	Spray Tip Blue	**12.75**
SR110-04	Spray Tip Red	**12.75**
SR110-05	Spray Tip Brown	**12.75**
SR110-06	Spray Tip Grey	**12.75**
SR110-08	Spray Tip White	**14.65**
SR110-10	Spray Tip Light Blue	**14.65**
SR110-125	Spray Tip Teal	**14.65**
SR110-15	Spray Tip Light Green	**14.65**

Note: Includes O-Ring installed in cap

Combo-Jet 50M Strainer

PART	PRICE (B)
40250-00	**1.60**

Combo-Jet 100M Strainer

PART	PRICE (B)
40251-00	**1.60**

40510-00 / 40511-00

40193-00 / 40194-00

40516-00 / 40517-00

40195-00 / 40196-00

40526-00 / 40527-00

40197-00 / 40198-00

Single Outlet Nozzle Wet Boom Body – Radialock		
PART	DESCRIPTION	PRICE(B)
40510-00	¾" Wet Boom Single Radialock	5.25
40511-00	1" Wet Boom Single Radialock	5.25
Single Outlet Nozzle Wet Boom Body – Square Lug		
PART	DESCRIPTION	PRICE(B)
40193-00	¾" Wet Boom Single Square Lug	5.25
40194-00	1" Wet Boom Single Square Lug	5.25

Double Outlet Nozzle Wet Boom Body – Radialock		
PART	DESCRIPTION	PRICE(B)
40516-00	¾" Wet Boom Double Radialock	13.50
40517-00	1" Wet Boom Double Radialock	13.50
Double Outlet Nozzle Wet Boom Body – Square Lug		
PART	DESCRIPTION	PRICE(B)
40195-00	¾" Wet Boom Double Square Lug	13.50
40196-00	1" Wet Boom Double Square Lug	13.50

Triple Outlet Nozzle Wet Boom Body – Radialock		
PART	DESCRIPTION	PRICE(B)
40526-00	¾" Wet Boom Triple Radialock	16.60
40527-00	1" Wet Boom Triple Radialock	16.60
Triple Outlet Nozzle Wet Boom Body – Square Lug		
PART	DESCRIPTION	PRICE(B)
40197-00	¾" Wet Boom Triple Square Lug	16.60
40198-00	1" Wet Boom Triple Square Lug	16.60

PLEASE NOTE: The above Combo-Jet® wet boom nozzle bodies feature the new hinged clamp for easier installation. The original two-piece style Combo-Jet® nozzle bodies are still available by SPECIAL ORDER ONLY. Please contact our office for pricing and availability.

Left Right Tee

Compact Diaphragm Bodies

PART	DESCRIPTION	PRICE (B)
40360-00	Left Body 11/16" Thread x 3/8" Hose	7.95
40365-00	Left Body 11/16" Thread x 1/2" Hose	7.95
40370-00	Left Body 11/16" Thread x 3/4" Hose	7.95
40361-00	Right Body 11/16" Thread x 3/8" Hose	7.95
40366-00	Right Body 11/16" Thread x 1/2" Hose	7.95
40371-00	Right Body 11/16" Thread x 3/4" Hose	7.95
40362-00	Tee Body 11/16" Thread x 3/8" Hose	7.95
40367-00	Tee Body 11/16" Thread x 1/2" Hose	7.95
40372-00	Tee Body 11/16" Thread x 3/4" Hose	7.95
LOCKNUT	11/16" Poly Lock Nut	.20

Left Right Tee

Compact Diaphragm Body For Dry Boom

PART	DESCRIPTION	PRICE (B)
40380-00	Left Body 3/8" Hose	7.95
40385-00	Left Body 1/2" Hose	7.95
40390-00	Left Body 3/4" Hose	7.95
40381-00	Right Body 3/8" Hose	7.95
40386-00	Right Body 1/2" Hose	7.95
40391-00	Right Body 3/4" Hose	7.95
40382-00	Tee Body 3/8" Hose	7.95
40387-00	Tee Body 1/2" Hose	7.95
40392-00	Tee Body 3/4" Hose	7.95
40155-07	Fairprene Diaphragm Only	.85

40500

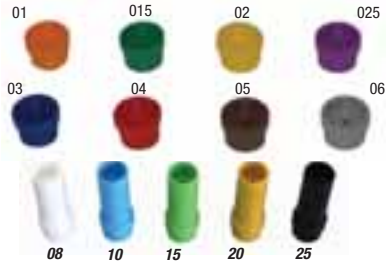
Inlet Mount Compact Body

PART	DESCRIPTION	PRICE (B)
40500-00	Compact Body 1/8" NPTF	7.05
40501-00	Compact Body 1/4" NPTF	7.05

Fertilizer Caps

- If used with pre-orifice (40285-**) use universal seal 40260-00.
- If used less pre-orifice use universal adapter 40261-00 and 40260-00 seal.

PART	DESCRIPTION	PRICE (B)
40420-05	1/8" Hose Barb	1.30
40422-05	1/4" Hose Barb	1.30
40424-05	3/8" Hose Barb	1.30
40426-05	1/2" Hose Barb	1.30
40260-00	O-Ring Seal	.25
40261-00	Adapter (if required)	.40



Pre-Orifice

PART	SIZE	DESCRIPTION	PRICE(B)
40285-005	005	Black Orifice	6.70
40285-007	007	Pink Orifice	6.70
40285-01	01	Orange Orifice	5.05
40285-015	015	Green Orifice	5.05
40285-02	02	Yellow Orifice	5.05
40285-025	025	Purple Orifice	5.05
40285-03	03	Blue Orifice	5.05
40285-04	04	Red Orifice	5.05
40285-05	05	Brown Orifice	5.05
40285-06	06	Grey Orifice	5.05
40285-08	08	White Orifice – long	5.05
40285-08S	08	White Orifice – short	5.05
40285-10	10	Light Blue Orifice – long	5.05
40285-10S	10	Light Blue Orifice – short	5.05
40285-125	12.5	Teal Orifice – long	5.05
40285-13S	12.5	Teal Orifice – short	5.05
40285-15	15	Light Green Orifice	5.05
40285-20	20	Tan Orifice	5.05
40285-25	25	Black Orifice	5.05

Radialock Caps

PART	DESCRIPTION	PRICE (B)
40269-01	Universal Slot - Red	.85
40269-02	Universal Slot - White	.85
40269-03	Universal Slot - Green	.85
40269-04	Universal Slot - Yellow	.85
40276-01	Universal Slot - AI Tips	.95
40276-02	Universal Slot - AI Tips	.95
40276-03	Universal Slot - AI Tips	.95
40276-04	Universal Slot - AI Tips	.95
40271-01	Universal Round - Red	.95
40271-02	Universal Round - White	.95
40271-03	Universal Round - Green	.95
40271-04	Universal Round - Yellow	.95
40273-02	1/4" NPT Outlet	1.20
40274-04	Yellow - 1/4" NPT 45° Outlet	2.80
40272-01	Plug - Red	.95
40272-03	Plug - Green	.95
40272-04	Plug - Yellow	.95

40200 40203

Adapters c/w Seal

- Converts Quick-Jet bodies to Combo-Jet.

PART	DESCRIPTION	PRICE (B)
40200-00	Adapter, TeeJet to Combo-Jet	2.20
40203-00	Adapter, Combo-Jet to TeeJet	2.20

Both adapters come with 40260-00 Seal.

40152-00 40153-00

Combo-Jet Dry TeeJet Dry Boom Nozzle Bodies

PART	DESCRIPTION	PRICE (B)
40152-00	Double Outlet, 3/8" NPTF	15.25
40153-00	Triple Outlet, 3/8" NPTF	19.15

* Note: Bodies use TeeJet-style cap

40352-00 40353-00

Combo-Jet Dry Boom Nozzle Bodies

PART	DESCRIPTION	PRICE (B)
40352-00	Single Outlet, 3/8" NPTF	8.20
40353-00	Double Outlet, 3/8" NPTF	15.25

Combo-Jet Boom Nozzle Bodies

PART	DESCRIPTION	PRICE (B)
40354-00	Triple Outlet, 3/8" NPTF	19.15

Dry Boom Elbows

PART	DESCRIPTION	PRICE (B)
40301-00	3/8" NPTM x 3/8" Hose	1.95
40306-00	3/8" NPTM x 1/2" Hose	1.95
40311-00	3/8" NPTM x 3/4" Hose	1.95

Dry Boom Tees

PART	DESCRIPTION	PRICE (B)
40302-00	3/8" NPTM x 3/8" Hose	1.95
40307-00	3/8" NPTM x 1/2" Hose	1.95
40312-00	3/8" NPTM x 3/4" Hose	1.95

Dry Boom Triple

PART	DESCRIPTION	PRICE (B)
40313-00	3/8" NPTM x 3/4" Hose (3/8" and 1/2" N/A)	2.60

Pipe Boom Clamps

PART	DESCRIPTION	PRICE (B)
40320-00	1/2"	3.20
40321-00	3/4"	3.20
40322-00	Use: QJ111-1"	0.00

Square Tube Boom Clamps

PART	DESCRIPTION	PRICE (B)
40325-00	3/4"	3.00
40326-00	1"	3.00
40327-00	Use: QJ111SQ-1 1/4"	3.00
40328-00	Use: QJ111-1 1/2"	3.00
40330-00	2"	3.20

40341-00
40342-00

Round and Square Tube Boom Clamps

PART	DESCRIPTION	PRICE (B)
40341-00	High Clamp 3/4" - 1 1/4"	4.80
40342-00	High Clamp 1 1/2" - 2"	5.15
40341-04	Locking Clip for High Reach	.70

Boom End Flush Valve

- Special compact design fits most existing boom constructions.
- Large internal diameter to maximize flow and minimize residue build-up.
- Quick and easy installation.
- Chemical and UV resistant material.
- Two versions: TWS (CNH) and 1¼" QN SST.
- TWS version fits CNH Patriot sprayers w/ TWS fittings and mates to 41400-00 tube end adapter. #25160-02 Viton O-ring required.
- 1¼" QN SST version fits Wilger Quick-Nut SS tube fittings and mates to 25171-00 boom end adapter. Can also be retrofitted using O-ring to any 1¼" NPT male thread. #41210-03 O-ring required.

PART	DESCRIPTION	PRICE (B)
41402-VO	Boom End Flush Valve – TWS style	24.50
25160-02	O-ring for 41402-VO (required)	.65
25175-VO	Boom End Flush Valve – QN SST style	24.50
41210-03	O-ring for 251750-VO (required)	.65

Boom Flush Valve Adapter Kit

- Fits 41402-VO for Case/IH.
- TWS x 1" FNPT.
- Includes Adapter and Viton O-ring.
- O-ring also available separately.

PART	DESCRIPTION	PRICE (B)
41403-VO	TWS x 1" FNPT	4.85
41210-V3	O-ring (Viton)	1.85

Boom Flush Valve Adapter Kit

- Fits 25175-VO Boom Flush Nozzle
- 1¼" x 1" FNPT.
- Includes Adapter and Viton O-ring.
- O-ring also sold separately.

PART	DESCRIPTION	PRICE (B)
25137-VO	1¼" x 1" FNPT	4.85
41210-V3	O-ring (Viton)	1.85

41100 *41101* *41200 / 41201 / 41206* *41131*

Combo-Rate Diaphragm Shut-Off

PART	DESCRIPTION	PRICE (B)
41100-00	Thru Body Diaphragm Shut-Off	**8.35**
41101-00	End Body Diaphragm Shut-Off	**7.65**
41200	1" Saddle Clamp for 3/8" Hole in Boom Pipe	**5.75**
41201-00	1" Saddle Clamp for 9/16" Hole in Boom Pipe	**5.80**
41206-00	2" Tube Saddle for 9/16" Hole in Boom Pipe	**6.75**
41131-00	End Body Relief Valve	**15.95**
41130-00	Thru Body Relief Valve (not shown)	**17.05**

41110 *41110-01* *41111* *41200 / 41201 / 41206*

Combo-Rate Manual On/Off

PART	DESCRIPTION	PRICE (B)
41110-00	Thru Body Manual On/Off	**9.95**
41110-01	Shut-Off Replacement Assembly	**4.10**
41111-00	End Body Manual On/Off	**8.85**
41200	1" Saddle Clamp for 3/8" Hole in Boom Pipe	**5.75**
41201-00	1" Saddle Clamp for 9/16" Hole in Boom Pipe	**5.80**
41206-00	2" Tube Saddle for 9/16" Hole in Boom Pipe	**6.75**

41135 *41150 / 41151 / 41152* *41136*

Capstan System

PART	DESCRIPTION	PRICE (B)
41135	Thru Body Capstan Without Nut	**3.80**
41136	End Body Capstan Without Nut	**3.45**
41150	Interbody Filter - 50 Mesh (Red)	**2.10**
41151	Interbody Filter - 100 Mesh (Green)	**2.10**
41152	Interbody Filter - 80 Mesh (Grey)	**2.10**

41250 *41251* *41252* *41256*

Accessories

PART	DESCRIPTION	PRICE (B)
41250-00	Diaphragm 90° Elbow	**5.70**
41251	1/4" NPT Adapter	**3.95**
41252-00	1/4" NPT Male Adapter	**2.30**
41253	3/8" NPT Male Adapter	**2.30**
41255-00	1/4" NPT Female Adapter	**3.35**
41256	3/8" NPT Female Adapter	**3.35**

40259-00 *40268-00* *40258-00*

Kwik Stop Nozzle Bodies

PART	DESCRIPTION	PRICE (B)
40116-00	Single Body Kwik Stop TeeJet Outlet	**7.30**
40117-00	Double Body Kwik Stop TeeJet Outlet	**18.75**
40118-00	Triple Body Kwik Stop TeeJet Outlet	**23.05**
40258-00	Double Body Kwik Stop Combo-Jet Outlet	**18.75**
40259-00	Single Body Kwik Stop Combo-Jet Outlet	**7.30**
40268-00	Triple Body Kwik Stop Combo-Jet Outlet	**23.05**

COMBO-RATE II Fluid Bottom / Top Take-Off Saddles

COMBO-RATE II series saddles have a universal mount that allows them to be mounted with the fluid take-off stem at the bottom of the boom pipe. This allows them to be utilized for both new and retro-fit applications.

- Can also be mounted with fluid take-off on top of boom to reduce nozzle run-on caused by trapped air.
- Available with one or two COMBO-CLIP outlets
- Bolt-Mount style available by special order; please inquire.

PART	DESCRIPTION	PRICE (B)
41371-00	One-Way Standard ½" Pipe x 3/8" Inlet	**5.85**
41372-00	Two-Way Standard ½" Pipe x 3/8" Inlet	**7.40**
41375-00	One-Way Standard1" Pipe x 3/8" Inlet	**5.85**
41376-00	Two-Way Standard1" Pipe x 3/8" Inlet	**7.40**
41377-00	One-Way Standard1" Pipe x 9/16" Inlet	**5.85**
41378-00	Two-Way Standard1" Pipe x 9/16" Inlet	**7.40**

COMBO-RATE II SADDLES with Integrated Nozzle Bodies

- Available with one or two COMBO-CLIP outlets.
- Nozzle is directly below boom; additional nozzles outset 2" either side.
- Compact, quick to mount, and economical.
- Bolt-Mount style available by special order; please inquire.

Model	Standard (B)					
	Diaph. Check Valve		Manual On /Off		Blended Pulse	
½" One-Way	41311-00	**13.70**	41313-00	**15.20**	41317-00	**9.20**
½" Two-Way	41312-00	**15.25**	41314-00	**16.70**	41318-00	**10.70**
1" One-Way 3/8" Inlet	41331-00	**13.70**	41333-00	**15.20**	41337-00	**9.20**
1" Two-Way 3/8" Inlet	41332-00	**15.25**	41334-00	**16.70**	41338-00	**10.70**
1" One-Way 9/16" Inlet	41341-00	**13.70**	41343-00	**15.20**	41347-00	**9.20**
1" Two-Way 9/16" Inlet	41342-00	**15.25**	41344-00	**16.70**	41348-00	**10.70**
1" One-Way KWIKSTOP	41351-00	**13.70**	41353-00	**15.20**	41357-00	**10.20**
1" Two-Way KWIKSTOP	41352-00	**15.25**	41354-00	**16.70**	41358-00	**11.90**

41505-00 shown

41515-00 shown

Combo-Jet Turret Nozzle Bodies

PART	DESCRIPTION	PRICE(B)
41502-00	Turret Body – 2 Outlet	**16.75**
41503-00	Turret Body – 3 Outlet	**16.75**
41504-00	Turret Body – 4 Outlet	**16.75**
41505-00	Turret Body – 5 Outlet	**16.75**

Combo-Jet Turret Nozzle Bodies w/ Manual ON/OFF

PART	DESCRIPTION	PRICE(B)
41512-00	Turret Body w/ manual ON/OFF – 2 Outlet	**17.95**
41513-00	Turret Body w/ manual ON/OFF – 3 Outlet	**17.95**
41514-00	Turret Body w/ manual ON/OFF – 4 Outlet	**17.95**
41515-00	Turret Body w/ manual ON/OFF – 5 Outlet	**17.95**

41535-00 shown

41110-01

41200 / 41201

Combo-Jet Turret Nozzle Bodies – Less Nut

PART	DESCRIPTION	PRICE(B)
41532-00	Turret Body less nut – 2 Outlet	**12.50**
41533-00	Turret Body less nut – 3 Outlet	**12.50**
41534-00	Turret Body less nut – 4 Outlet	**12.50**
41535-00	Turret Body less nut – 5 Outlet	**12.50**

Combo-Jet Turret Nozzle Body Accessories

PART	DESCRIPTION	PRICE(B)
41200	1" Saddle Clamp for 3/8" hole in boom	**5.75**
41201	1" Saddle Clamp for 9/16" hole in boom	**5.75**
41110-01	Manual Shut-off Assembly - less diaphragm	**4.10**
40155-07	Fairprene Diaphragm Only (not shown)	**.85**

Shown with 40256-00 Body

40470

40471

40473

40472

Twin Cap Adapter

PART	DESCRIPTION	PRICE (B)
40440-00	Adapter (shown w/body)	**4.35**

Conversion Adapters

PART	DESCRIPTION	PRICE (B)
40470-00	Dual Adapter	**9.25**
40471-00	Triple Adapter	**12.75**

Conversion Adapters (To Teejet)

PART	DESCRIPTION	PRICE (B)
40472-00	Dual Adapter Combo-Jet to TeeJet	**9.25**
40473-00	Triple Adapter Combo-Jet to TeeJet	**12.75**

Caps (Fits TeeJet)

PART	DESCRIPTION	PRICE (B)
40159-01	Red Cap Fits TeeJet	**.70**
40159-02	White Cap Fits TeeJet	**.70**
40159-03	Green Cap Fits TeeJet	**.70**
40159-04	Yellow Cap Fits TeeJet	**.70**

Tip Strainers

PART	DESCRIPTION	PRICE (B)
40150-00	50M	**.95**
40151-00	100M	**.95**

Seals

PART	DESCRIPTION	PRICE (B)
40160-00	EPDM Gasket for Cap	**.50**

Wilger Liquid Fertilizer Tips

Fertilizer Cap 40432

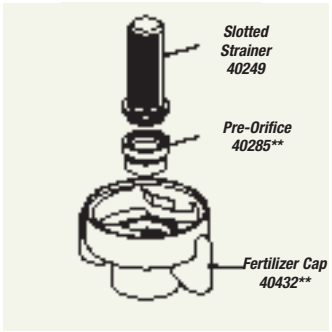
Fertilizer Cap 40433

Combo-Jet Fertilizer Caps

PART	DESCRIPTION	PRICE (B)
40432-047	Fertilizer Cap 2 Hole Combo-Jet	**6.65**
40432-086	Fertilizer Cap 2 Hole Combo-Jet	**6.65**
40433-047	Fertilizer Cap 3 Hole Combo-Jet	**8.55**
40433-067	Fertilizer Cap 3 Hole Combo-Jet	**8.55**
40433-104	Fertilizer Cap 3 Hole Combo-Jet	**8.55**

Pre-Orifice

PART	SIZE	DESCRIPTION	PRICE(B)
40285-005	005	Black Orifice	**6.70**
40285-007	007	Pink Orifice	**6.70**
40285-01	01	Orange Orifice	**5.05**
40285-015	015	Green Orifice	**5.05**
40285-02	02	Yellow Orifice	**5.05**
40285-025	025	Purple Orifice	**5.05**
40285-03	03	Blue Orifice	**5.05**
40285-04	04	Red Orifice	**5.05**
40285-05	05	Brown Orifice	**5.05**
40285-06	06	Grey Orifice	**5.05**
40285-08	08	White Orifice – long	**5.05**
40285-08S	08	White Orifice – short	**5.05**
40285-10	10	Light Blue Orifice – long	**5.05**
40285-10S	10	Light Blue Orifice – short	**5.05**
40285-125	12.5	Teal Orifice – long	**5.05**
40285-13S	12.5	Teal Orifice – short	**5.05**
40285-15	15	Light Green Orifice	**5.05**
40285-20	20	Tan Orifice	**5.05**
40285-25	25	Black Orifice	**5.05**



Strainers

PART	DESCRIPTION	PRICE(B)
40247-00	16M Strainer – grey poly	**1.60**
40248-00	25M Strainer – yellow poly	**1.60**
40249-00	50M Strainer – red poly	**1.60**
40251-00	100M Strainer – stainless mesh	**1.60**

NOTE: 16M, 25M, and 50M poly strainers are slotted.

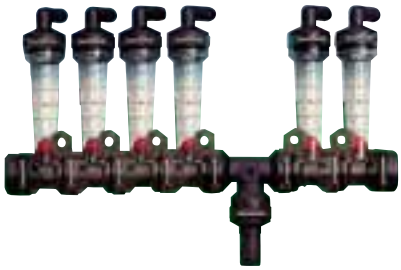
Based on flow for fertilizer @ 0.85 times theoretical for water

PRE-ORIFICE PART	CAP PART	SCREEN MESH	PSI	CAPACITY 1 NOZZLE IN GPM	U.S. GPA @ 4 MPH	U.S. GPA @ 5 MPH	U.S. GPA @ 6 MPH	U.S. GPA @ 7 MPH	U.S. GPA @ 8 MPH	U.S. GPA @ 10 MPH	U.S. GPA @ 12MPH	U.S. GPA @ 14 MPH	U.S. GPA @ 16 MPH
40285-01	40433-047 or 40432-047	100	20	0.060	4.5	3.6	3.0	2.6	2.2	1.8	1.5	1.3	1.1
			25	0.067	5.0	4.0	3.3	2.9	2.5	2.0	1.7	1.4	1.2
			30	0.074	5.5	4.4	3.6	3.1	2.7	2.2	1.8	1.6	1.4
			40	0.085	6.3	5.0	4.2	3.6	3.2	2.5	2.1	1.8	1.6
			50	0.095	7.1	5.6	4.7	4.0	3.5	2.8	2.4	2.0	1.8
			60	0.104	7.7	6.2	5.2	4.4	3.9	3.1	2.6	2.2	1.9
40285-015	40433-047 or 40432-047	100	20	0.090	6.7	5.4	4.5	3.8	3.3	2.7	2.2	1.9	1.7
			25	0.101	7.5	6.0	5.0	4.3	3.7	3.0	2.5	2.1	1.9
			30	0.110	8.2	6.6	5.5	4.7	4.1	3.3	2.7	2.3	2.0
			40	0.128	9.5	7.6	6.3	5.4	4.7	3.8	3.2	2.7	2.4
			50	0.143	10.6	8.5	7.1	6.0	5.3	4.2	3.5	3.0	2.6
			60	0.156	11.6	9.3	7.7	6.6	5.8	4.6	3.9	3.3	2.9
40285-02	40433-047 or 40432-047	50	20	0.12	8.9	7.1	6.0	5.1	4.5	3.6	3.0	2.6	2.2
			25	0.13	10.0	8.0	6.7	5.7	5.0	4.0	3.3	2.9	2.5
			30	0.15	10.9	8.7	7.3	6.2	5.5	4.4	3.6	3.1	2.7
			40	0.17	12.6	10.1	8.4	7.2	6.3	5.0	4.2	3.6	3.2
			50	0.19	14.1	11.3	9.4	8.1	7.1	5.6	4.7	4.0	3.5
			60	0.21	15.5	12.4	10.3	8.8	7.7	6.2	5.2	4.4	3.9
40285-025	40433-047 or 40432-047	50	20	0.15	11.2	8.9	7.4	6.4	5.6	4.5	3.7	3.2	2.8
			25	0.17	12.5	10.0	8.3	7.1	6.2	5.0	4.2	3.6	3.1
			30	0.18	13.7	10.9	9.1	7.8	6.8	5.5	4.6	3.9	3.4
			40	0.21	15.8	12.6	10.5	9.0	7.9	6.3	5.3	4.5	3.9
			50	0.24	17.6	14.1	11.8	10.1	8.8	7.1	5.9	5.0	4.4
			60	0.26	19.3	15.5	12.9	11.0	9.7	7.7	6.4	5.5	4.8
40285-03	40433-067 or 40432-086	50	20	0.18	13.4	10.7	8.9	7.7	6.7	5.4	4.5	3.8	3.3
			25	0.20	15.0	12.0	10.0	8.6	7.5	6.0	5.0	4.3	3.7
			30	0.22	16.4	13.1	10.9	9.4	8.2	6.6	5.5	4.7	4.1
			40	0.26	18.9	15.1	12.6	10.8	9.5	7.6	6.3	5.4	4.7
			50	0.29	21.2	16.9	14.1	12.1	10.6	8.5	7.1	6.0	5.3
			60	0.31	23.2	18.6	15.5	13.3	11.6	9.3	7.7	6.6	5.8
40285-04	40433-067 or 40432-086	50	20	0.24	17.9	14.3	11.9	10.2	8.9	7.1	6.0	5.1	4.5
			25	0.27	20.0	16.0	13.3	11.4	10.0	8.0	6.7	5.7	5.0
			30	0.29	21.9	17.5	14.6	12.5	10.9	8.7	7.3	6.2	5.5
			40	0.34	25.2	20.2	16.8	14.4	12.6	10.1	8.4	7.2	6.3
			50	0.38	28.2	22.6	18.8	16.1	14.1	11.3	9.4	8.1	7.1
			60	0.42	30.9	24.7	20.6	17.7	15.5	12.4	10.3	8.8	7.7
40285-05	40433-067 or 40432-086	50	20	0.30	22.3	17.9	14.9	12.8	11.2	8.9	7.4	6.4	5.6
			25	0.34	24.9	20.0	16.6	14.3	12.5	10.0	8.3	7.1	6.2
			30	0.37	27.3	21.9	18.2	15.6	13.7	10.9	9.1	7.8	6.8
			40	0.43	31.6	25.2	21.0	18.0	15.8	12.6	10.5	9.0	7.9
			50	0.48	35.3	28.2	23.5	20.2	17.6	14.1	11.8	10.1	8.8
			60	0.52	38.6	30.9	25.8	22.1	19.3	15.5	12.9	11.0	9.7
40285-06	40433-067 or 40432-086	50	20	0.36	26.8	21.4	17.9	15.3	13.4	10.7	8.9	7.7	6.7
			25	0.40	29.9	23.9	20.0	17.1	15.0	12.0	10.0	8.6	7.5
			30	0.44	32.8	26.2	21.9	18.7	16.4	13.1	10.9	9.4	8.2
			40	0.51	37.9	30.3	25.2	21.6	18.9	15.1	12.6	10.8	9.5
			50	0.57	42.3	33.9	28.2	24.2	21.2	16.9	14.1	12.1	10.6
			60	0.62	46.4	37.1	30.9	26.5	23.2	18.6	15.5	13.3	11.6
40285-08	40433-067 or 40432-086	50	20	0.48	35.7	28.6	23.8	20.4	17.9	14.3	11.9	10.2	8.9
			25	0.54	39.9	31.9	26.6	22.8	20.0	16.0	13.3	11.4	10.0
			30	0.59	43.7	35.0	29.2	25.0	21.9	17.5	14.6	12.5	10.9
			40	0.68	50.5	40.4	33.7	28.9	25.2	20.2	16.8	14.4	12.6
			50	0.76	56.4	45.2	37.6	32.3	28.2	22.6	18.8	16.1	14.1
			60	0.83	61.8	49.5	41.2	35.3	30.9	24.7	20.6	17.7	15.5

NOTE: For additional Pre-Orifice flow rates larger than "08" listed in above chart, please visit www.wilger.net or contact our office.

Manifold Flow Indicators

- Each flow indicator supplies up to three nozzles.
- Indicator balls hover at about same height when functioning properly,
- A ball hovering at a lower height than the others indicates flow restrictions such as plugged tip.



Boom Set Up

Above example 6-section boom set up requires the following parts:

- 6 x 20460-00 Flow Assemblies
- 6 x 205**-00 Elbows (indicate size)
- 2 x 20521-00 Cap
- 1 x 20522-00 Tee
- 1 x 205**-00 (indicate size)

Isolated Feed Indicators

- Designed for single line applications – each unit fed from bottom, outlet port at top.
- Unique offset body configuration allows units to be "ganged" together into a bank as required.
- Quarter-turn Radialock inlet fittings enable quick assembly or removal.

Boom Set Up

Above example 3 body boom set up requires the following parts:

- 3 x 20480-00 Flow Assemblies
- 3 x 205**-00 Elbows (indicate size)
- 3 x 404**-00 Radialock Hose Barb (indicate hose barb size)
- 1 x 40260-00 O-ring Seal

Metering Orifices

Metering orifices can be inserted in place of the flow indicator ball retainer and utilized to control flows ranging from 0.004 to 8.0 US gallons per minute.

PART	DESCRIPTION	PRICE (B)
21000-00	Blank	**.80**
21025-00	.025	**4.55**
21055-00	.055	**4.55**
21104-00	.104	**4.55**
21250-00	.250	**4.55**

Call Even-Spray for orifice selection information.

Flow Indicator Balls

Standard Flow Rates; based on water.

PART	DESCRIPTION	PRICE (B)
20460-09	Black Plastic – .03 to .09 US GPM	**.80**
20460-08	Green Plastic – .05 to .18 US GPM	**.80**
20460-07	Red Plastic – .09 to .30 US GPM	**.80**
20460-06	Red Glass – .31 to .72 US GPM	**.80**
20460-05	½" Stainless Steel – .40 to 1.33 US GPM	**1.70**
20460-10	7/16" Stainless Steel – 1.00 to 2.70 US GPM	**1.80**

Manifold Flow Indicator Assembly

Comes with 1 body, 1 ball retainer, 2 locking clips, 1 O-ring, 4 indicator balls (black, green, red, ½" SS).

PART	DESCRIPTION	PRICE (B)
20460-00	Mani Flow Assembly	**22.50**

Individual Parts

PART	DESCRIPTION	PRICE (B)
20460-01	Mani Std. Flow Body	**14.35**
20460-02	Ball Retainer	**.70**
20460-03	O-ring BUNA-N	**.35**
20460-04	U Locking Clip - SS	**1.80**

Isolated Flow Indicator Assembly

Comes with 1 body, ball retainer, 1 locking clip, 3 indicator balls (green, red, ½" SS).

PART	DESCRIPTION	PRICE (B)
20480-00	Iso Flow Assembly	**17.50**

90˚ Elbow

PART	DESCRIPTION	PRICE (B)
20520-00	90˚ Elbow	**6.70**

Cap / Fitting Assembly

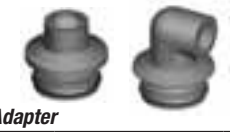
PART	DESCRIPTION	PRICE (B)
20521-00	Cap	**3.05**
20535-00	Female x ¼" FNPT	**3.80**
20536-00	Female x ⅜" FNPT	**3.80**
20537-00	Female x ½" FNPT	**3.80**

Straight Fittings

PART	DESCRIPTION	PRICE (B)
20501-00	⅜" Hose Barb	**3.15**
20502-00	½" Hose Barb	**3.15**
20503-00	¾" Hose Barb	**3.15**

Elbows

PART	DESCRIPTION	PRICE (B)
20511-00	⅜" Hose Barb	**3.15**
20512-00	½" Hose Barb	**3.15**
20513-00	¾" Hose Barb	**3.15**



¼"Adapter

PART	DESCRIPTION	PRICE (B)
20518-00	¼" Elbow Adapter	**3.15**
20519-00	¼" Straight Adapter	**3.15**

Push-In Tube Connector Elbows

Friction-fit style hose 90º connectors

PART	DESCRIPTION	PRICE (B)
20516-00	¼" Hose x Elbow	**5.55**
20517-00	⅜" Hose x Elbow	**6.15**

1" Tee

Comes with ¼" FNPT gauge port; must be drilled to open flow to the gauge.

PART	DESCRIPTION	PRICE (B)
20525-00	1" Tee	**8.40**

Tee *Tee Blind at Female*

Tees

PART	DESCRIPTION	PRICE (B)
20522-00	Tee	**8.40**
20523-00	Tee Blind at Female	**7.05**

Hypro XT® Boom XTender Tips

XT Boomless Technology

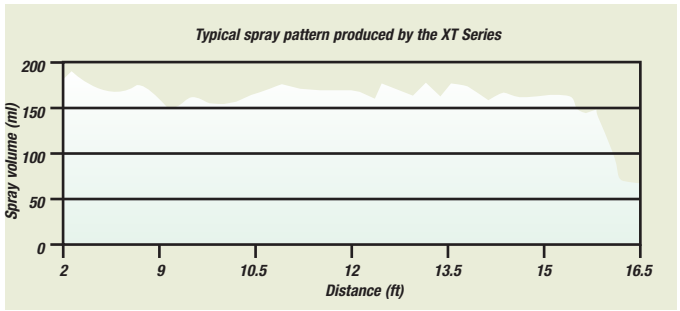
The XT introduces boomless spray technology enabling spray to be targeted into places that conventional booms and other nozzles cannot reach. The XT delivers a uniform, even spray pattern over a distance of up to 21 feet. In addition, its unique stepped slot design reduces the number of fine droplets so that spray drift is a thing of the past!

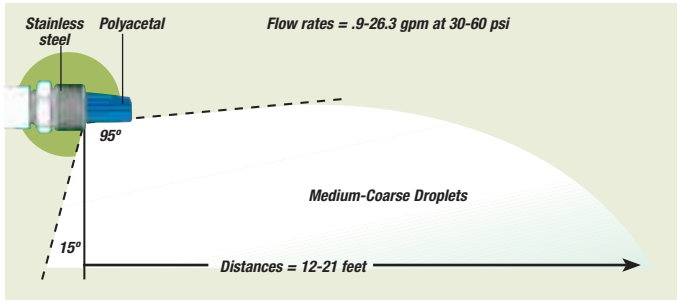
Features and Benefits:

- Ideal for applications where a conventional boom cannot be used due to man-made or natural obstacles; e.g., powerpoles, guardrails, fences, trees, etc.
- Excellent for use as last boom tip to reduce spray drift.
- Precision molded polyacetal tip and machined stainless steel body provides excellent durability.
- All stainless steel bodies have standard male pipe threads.
- Maintains a consistent spray swath of 12-21 feet over a pressure range of 30-60 psi.
- Can be used with simple or advanced manual or automatic rate controllers.
- Large droplet size reduces spray drift and promotes crop penetration.
- Off-center, flat fan spray pattern of 110º and over.
- Easy to install, low maintenance.

Spray Characteristics:

- Flat fan 15º/95º off-center.
- Medium to coarse droplet size.
- High GPM, wide spray swath.
- Even spray pattern.





BROADCAST AND TURF APPLICATIONS					APPLICATION RATE (GPA) (Miles per hour)											GAL/1000FT Squared				SWATH WIDTH (ft)
THREAD	XT MODEL	PRICE (B)	PSI	GPM	4	5	6	7	8	10	12	14	16	18	20	2	3	4	5	40 PSI
1/4" MNPT	TPXT010	90.25	30	.09	8.9	7.1	6.0	5.1	4.5	3.6	3.0	2.6	2.2	2.0	1.8	0.41	0.27	0.20	0.16	12
			40	1.0	10.3	8.3	6.9	5.9	5.2	4.1	3.4	2.9	2.6	2.3	2.1	0.47	0.31	0.24	0.19	
			50	1.1	11.5	9.2	7.7	6.6	5.8	4.6	3.8	3.3	2.9	2.6	2.3	0.53	0.35	0.26	0.21	
			60	1.2	12.6	10.1	8.4	7.2	6.3	5.1	4.2	3.6	3.2	2.8	2.5	0.58	0.39	0.29	0.23	
1/4" MNPT	TPXT020 TPXT020FC	90.25 60.50	30	1.7	12.6	10.1	8.4	7.2	6.3	5.0	4.2	3.6	3.2	2.8	2.5	0.58	0.38	0.29	0.23	17
			40	2.0	14.6	11.6	9.7	8.3	7.3	5.8	4.9	4.2	3.6	3.2	2.9	0.67	0.44	0.33	0.27	
			50	2.2	16.3	13.0	10.9	9.3	8.1	6.5	5.4	4.7	4.1	3.6	3.3	0.75	0.50	0.37	0.30	
			60	2.4	17.8	14.3	11.9	10.2	8.9	7.1	5.9	5.1	4.5	4.0	3.6	0.82	0.54	0.41	0.33	
1/4" MNPT	TPXT024 TPXT024FC	90.25 60.50	30	2.1	14.3	11.4	9.5	8.2	7.1	5.7	4.8	4.1	3.6	3.2	2.9	0.65	0.44	0.33	0.26	18
			40	2.4	16.5	13.2	11.0	9.4	8.3	6.6	5.5	4.7	4.1	3.7	3.3	0.76	0.50	0.38	0.30	
			50	2.7	18.0	14.8	12.3	10.5	9.2	7.4	6.1	5.3	4.6	4.1	3.7	0.84	0.56	0.42	0.34	
			60	2.9	20.0	16.2	13.5	11.5	10.1	8.1	6.7	5.8	5.1	4.5	4.0	1.00	0.65	0.49	0.39	
3/8" MNPT	TPXT043 TPXT043FC	105.65 73.85	30	3.7	23.0	18.4	15.4	13.2	11.5	9.2	7.7	6.6	5.8	5.1	4.6	1.10	0.70	0.53	0.42	20
			40	4.3	27.0	21.3	17.7	15.2	13.3	10.6	8.9	7.6	6.7	5.9	5.3	1.20	0.81	0.61	0.49	
			50	4.8	30.0	23.8	19.8	17.0	14.9	11.9	9.9	8.5	7.4	6.6	5.9	1.40	0.91	0.68	0.54	
			60	5.3	33.0	26.1	21.7	18.6	16.3	13.0	10.9	9.3	8.1	7.2	6.5	1.50	1.00	0.75	0.60	
1/2" MNPT	TPXT080	105.65	30	6.9	41.0	33.0	27.0	23.0	20.0	16.3	13.6	11.7	10.2	9.1	8.2	1.90	1.20	0.90	0.75	21
			40	8.0	47.0	38.0	31.0	27.0	24.0	19.0	15.7	13.5	11.8	10.5	9.4	2.20	1.40	1.10	0.86	
			50	8.9	53.0	42.0	35.0	30.0	26.0	21.0	17.6	15.1	13.2	11.7	10.5	2.40	1.60	1.20	1.00	
			60	9.8	58.0	46.0	38.0	33.0	29.0	23.0	19.0	16.5	14.4	12.8	11.5	2.60	1.80	1.30	1.10	
3/4" MNPT	TPXT167	118.95	30	14.5	99.0	80.0	66.0	57.0	50.0	40.0	33.0	28.0	25.0	22.1	19.9	4.60	3.00	2.30	1.80	18
			40	16.7	115.0	92.0	77.0	66.0	57.0	46.0	38.0	33.0	29.0	25.5	23.0	5.30	3.50	2.60	2.10	
			50	18.7	128.0	103.0	86.0	73.0	64.0	51.0	43.0	37.0	32.0	28.5	25.7	5.90	3.90	2.90	2.40	
			60	20.5	141.0	112.0	94.0	80.0	70.0	56.0	47.0	40.0	35.0	31.2	28.1	6.40	4.30	3.20	2.60	
3/4" MNPT	TPXT215	118.95	30	18.6	115.0	92.0	77.0	66.0	58.0	46.0	38.0	33.0	28.8	25.6	23.0	5.30	3.50	2.60	2.10	20
			40	21.5	133.0	106.0	89.0	76.0	67.0	53.0	44.0	38.0	33.0	30.0	26.6	6.10	4.10	3.00	2.40	
			50	24.0	149.0	119.0	99.0	85.0	74.0	59.0	50.0	42.0	37.0	33.0	30.0	6.80	4.50	3.40	2.70	
			60	26.3	163.0	130.0	109.0	93.0	81.0	65.0	54.0	47.0	41.0	36.0	33.0	7.50	5.00	3.70	3.00	

HYPRO®

GuardianAIR™ Spray Tips
Enhanced Coverage Air-Inclusion Spray Tips

The Hypro® **GuardianAIR**™ spray tip is the first and only tip to feature technology developed by Hypro for the Syngenta® Amistar™ spray tip. A unique rearward spray incline provides more uniform coverage with 10 GPM spray rates. Higher flow tips used at faster speeds have a greater spray incline.

- Optimized for the performance and productivity of the most common lower application rates, around 10 GPA.
- Produces air-induced sprays for reduced drift and environmental impact while increasing droplet deposition and retention on the foliage.
- Provides better coverage with more drops per gallon compared to other common air-induced spray tips.
- Spray incline is speed-optimized to allow more uniform coverage on the front and back of the foliage for a wide range of speeds.
- Boosts productivity with tip sizes for speeds from 3 to over 20 MPH, including the only size "035" tip of its kind with a 10 – 14 MPH sweet spot.
- Each tip is clearly marked with an arrow indicating the direction of travel.
- Available in 7 sizes to fit either a standard QJ25611-* cap or integrated as a FastCap®, which includes the cap and gasket for easy installation.
- Pressure Range – 15 to 115 PSI; Spray Angle - 110˚.

PART	DESCRIPTION	PRICE (E)
TPFCGA110-015	FastCap® GuardianAIR Spray Tip (w/ cap & gasket)	**9.80**
TPFCGA110-02	FastCap® GuardianAIR Spray Tip (w/ cap & gasket)	**9.80**
TPFCGA110-025	FastCap® GuardianAIR Spray Tip (w/ cap & gasket)	**9.80**
TPFCGA110-03	FastCap® GuardianAIR Spray Tip (w/ cap & gasket)	**9.80**
TPFCGA110-035	FastCap® GuardianAIR Spray Tip (w/ cap & gasket)	**9.80**
TPFCGA110-04	FastCap® GuardianAIR Spray Tip (w/ cap & gasket)	**9.80**
TPFCGA110-05	FastCap® GuardianAIR Spray Tip (w/ cap & gasket)	**9.80**
TPGA110-015	GuardianAIR Spray Tip	**8.10**
TPGA110-02	GuardianAIR Spray Tip	**8.10**
TPGA110-025	GuardianAIR Spray Tip	**8.10**
TPGA110-03	GuardianAIR Spray Tip	**8.10**
TPGA110-035	GuardianAIR Spray Tip	**8.10**
TPGA110-04	GuardianAIR Spray Tip	**8.10**
TPGA110-05	GuardianAIR Spray Tip	**8.10**
402200-040	Replacement Cap Gasket for FastCap® system	**.60**

Hypro TwinCap™
The Hypro TwinCap™ is a simple, compact way to use two spray tips back to back to create a high coverage twin spray.

- Holds & aligns standard dimension fan pattern spray tips such as GuardianAIR, Hypro Ultra Low Drift, and TeeJet tips that fit the standard TeeJet QJ25611 cap.

PART	DESCRIPTION	PRICE (E)
152607TC	Hypro TwinCap	**5.50**

GuardianAIR™ Twin Spray Tips
30° Opposed Twin Angle Air-Inclusion Spray Tips

The Hypro® **GuardianAIR Twin**™ spray tip is the best choice for high coverage applications where on-target spray delivery is important. They are ideal for low crops with complex canopies, such as vegetables, where thorough coverage of the target and protection of the surroundings are of high importance.

- Ideal for high-coverage application of post-emerge plant health protectants.
- High-coverage 30˚ forward and 30˚ rear facing fans help penetrate complex canopies requiring more thorough coverage.
- Incorporates the fundamental characteristics of uniform coverage and reduced drift from the world-renowned GuardianAIR tip range.
- Easy-to-install patent-pending locking ring and o-ring seal design makes installation a snap and sealing a sure thing.
- Dust is sealed out by the locking ring to reduce contamination of the nozzle when removing it from the sprayer.
- Integrated strainers are matched to the nozzle size to prevent over-straining or plugging.
- Available in 7 sizes from "02" to "08" (including "025") and colour coded to indicate the flow for the entire spray assembly.
- Pressure Range – 30 to 115 PSI; Spray Angle - 110˚.

PART	DESCRIPTION	PRICE (E)
TPGAT110-02	GuardianAIR Twin Spray Tip (w/ cap, gasket, strainer)	**10.50**
TPGAT110-025	GuardianAIR Twin Spray Tip (w/ cap, gasket, strainer)	**10.50**
TPGAT110-03	GuardianAIR Twin Spray Tip (w/ cap, gasket, strainer)	**10.50**
TPGAT110-04	GuardianAIR Twin Spray Tip (w/ cap, gasket, strainer)	**10.50**
TPGAT110-05	GuardianAIR Twin Spray Tip (w/ cap, gasket, strainer)	**10.50**
TPGAT110-06	GuardianAIR Twin Spray Tip (w/ cap, gasket, strainer)	**10.50**
TPGAT110-08	GuardianAIR Twin Spray Tip (w/ cap, gasket, strainer)	**10.50**
TS02-50	50-mesh replacement strainer for all tip sizes	**1.55**
65-BS205	Replacement Cap Gasket for all sizes	**.55**

Guardian Spray Tip
- All-in-one FastCap (cap/tip/strainer/gasket) design eliminates loose parts.
- 120˚ Spray angle with 20˚ incline can be aimed forward or rearward to suit the desired application.
- Available in 01, 015, 02, 025, 03, 04, 05, 06, and 08 sizes; specify size.

PART	DESCRIPTION	PRICE (E)
TPGRD120-**	Guardian FastCap Spray Tip (please specify size)	**7.50**

Hypro Ultra Low Drift™ 120º Spray Tip
- Creates air-filled droplets that significantly reduce spray drift.
- Available in 01, 015, 02, 025, 03, 04, 05, 06, and 08 sizes; specify size.

PART	DESCRIPTION	PRICE (E)
TPULD120-**	Ultra Low Drift Spray Tip (please specify size)	**9.25**

HYPRO®

Hypro PROFLO Nozzle Bodies

- Designed to deliver the highest flow rates across the spraying pressure range.
- Bayonet style attachment allows for automatic spray alignment using flat fan spray tips.
- Compact design makes mounting easier with less potential interference with the spray boom structure.
- ProFlo nozzle bodies come standard with an 8 PSI Diaphragm Check Valve.
- EPDM Seal is standard.
- Available in wet or dry boom versions.

PROFLO Single Nozzle Body for Wet Boom

- EPDM Seal in Check Valve Assembly

PART	SIZE	PRICE (E)
4221N-B123	¾" Boom pipe	**6.95**
4221N-B124	1" Boom pipe	**6.95**

PROFLO Triple Nozzle Body for Wet Boom

- EPDM Seal in Check Valve Assembly

PART	SIZE	PRICE (E)
4222N-B323	¾" Boom pipe body	**19.25**
4222N-B324	1" Boom pipe body	**19.25**

PROFLO Hose Barb Dry Boom Nozzle Bodies w/ Diaphragm Check Valve

PART	DESCRIPTION	PRICE (E)
4241N-B121S	Single Hose Barb Dry Boom Nozzle Body – ⅜" hose barb	**10.30**
4241N-B122S	Single Hose Barb Dry Boom Nozzle Body – ½" hose barb	**10.30**
4241N-B123S	Single Hose Barb Dry Boom Nozzle Body – ¾" hose barb	**10.30**
4241N-B121D	Double Hose Barb Dry Boom Nozzle Body – ⅜" hose barb	**10.30**
4241N-B122D	Double Hose Barb Dry Boom Nozzle Body – ½" hose barb	**10.30**
4241N-B123D	Double Hose Barb Dry Boom Nozzle Body – ¾" hose barb	**10.30**
4241N-B121T	Triple Hose Barb Dry Boom Nozzle Body – ⅜" hose barb	**10.30**
4241N-B122T	Triple Hose Barb Dry Boom Nozzle Body – ½" hose barb	**10.30**
4241N-B123T	Triple Hose Barb Dry Boom Nozzle Body – ¾" hose barb	**10.30**

PROFLO Hose Barb Triple Nozzle Bodies w/ Diaphragm Check Valve

PART	DESCRIPTION	PRICE (E)
4242N-B322S	Single Hose Barb Triple Nozzle Body – ½" hose barb	**19.20**
4242N-B323S	Single Hose Barb Triple Nozzle Body – ¾" hose barb	**20.20**
4242N-B322D	Double Hose Barb Triple Nozzle Body – ½" hose barb	**20.20**
4242N-B323D	Double Hose Barb Triple Nozzle Body – ¾" hose barb	**20.20**
4242N-B322T	Triple Hose Barb Triple Nozzle Body – ½" hose barb	**23.45**
4242N-B323T	Triple Hose Barb Triple Nozzle Body – ¾" hose barb	**21.90**

PROFLO Hose Barb Dry Boom Nozzle Bodies w/ Top-Mounted Diaphragm Check Valve

PART	DESCRIPTION	PRICE (E)
4240N-B121S	Single Hose Barb Dry Boom Nozzle Body – ⅜" hose barb	**8.50**
4240N-B122S	Single Hose Barb Dry Boom Nozzle Body – ½" hose barb	**8.50**
4240N-B123S	Single Hose Barb Dry Boom Nozzle Body – ¾" hose barb	**8.50**
4240N-B121D	Double Hose Barb Dry Boom Nozzle Body – ⅜" hose barb	**8.50**
4240N-B122D	Double Hose Barb Dry Boom Nozzle Body – ½" hose barb	**8.50**
4240N-B123D	Double Hose Barb Dry Boom Nozzle Body – ¾" hose barb	**8.50**

HYPRO®

ProFlo

The Hypro® ProFlo™ nozzle bodies have been designed to deliver the highest flow rates in the industry across a wide spraying pressure range.

- Unique diaphragm check valve design reduces restrictions in the flow path, enabling 2.6 GPM with a 5 PSI pressure drop through the nozzle.
- Positive shut-off between each spray position.
- Bayonet style attachment allows for automatic spray alignment using flat fan spray tips.
- Compact design makes mounting easier with less potential interference with the spray boom structure.
- ProFlo nozzle bodies come standard with an 8 PSI diaphragm check valve. 4 PSI, 12 PSI, 20 PSI, and 25 PSI by special order.

Shown with Dry Boom Adapter Installed. Sold Separately.

3-Way ProFlo Turret Bodies w/ Dry Boom Clamp Tab

- 8 PSI Check Valve

PART	DESCRIPTION	PRICE (E)
4243N-B322	3 Outlet Body for ½" Pipe	**14.35**
4243N-B323	3 Outlet Body for ¾" Pipe	**14.35**
4243N-B324	3 Outlet Body for 1" Pipe	**14.35**
4200-0004E	EPDM Diaphragm	**.95**

5-Way ProFlo Turret Bodies w/ Dry Boom Clamp Tab

- 8 PSI check valve

PART	DESCRIPTION	PRICE (E)
4243N-B522	5 Outlet Body for ½" Pipe	**14.35**
4243N-B523	5 Outlet Body for ¾" Pipe	**14.35**
4243N-B524	5 Outlet Body for 1" Pipe	**14.35**
4200-0004E	EPDM Diaphragm	**.95**

Dry Boom Adapters

PART	DESCRIPTION	PRICE (E)
4200-0111N	1/2" Hose Elbow for 1/2" Body	**1.40**
4200-0112N	3/4" Hose Elbow for 3/4" Body	**1.40**
4200-0114N	3/4" Hose Elbow for 1" Body	**1.40**
4200-0113N	1" Hose Elbow for 3/4" Body	**1.40**
4200-0115N	1" Hose Elbow for 1" Body	**1.40**

Dry Boom Adapters

PART	DESCRIPTION	PRICE (E)
4200-0211N	1/2" Tee for 1/2" Pipe	**1.40**
4200-0212N	3/4" Tee for 3/4" Pipe	**1.40**
4200-0214N	3/4" Tee for 1" Pipe	**1.40**
4200-0213N	1" Tee for 3/4" Pipe	**1.40**
4200-0215N	1" Tee for 1" Pipe	**1.40**

Tank Agitator

PART	DESCRIPTION	PRICE (E)
3371-0019	3/4" Tank Agitator	**6.90**

Boom Pipe

PART	DESCRIPTION	PRICE (E)
AL34	3/4" Aluminum	**CALL**
AL1	1" Aluminum	**CALL**
PVC12	1/2" PVC	**CALL**
PVC34	3/4" PVC	**CALL**
PVC1	1" PVC	**CALL**
CUT	Labour to Cut Pipe	**2.00(K)**
THREAD	Labour to Thread Pipe	**5.00(K)**
HOLE	Labour to Drill Hole	**1.00(K)**

Hypro Strainer

- Female NPT connection
- PVC suction strainer
- Call for mesh sizes not shown here

PART	DESCRIPTION	PRICE (E)
10602D	1/4" FNPT 80M	**6.40**
11101	3/8" FNPT 80M	**7.40**
10424D	1/2" FNPT 80M	**8.90**
10436	3/4" FNPT 80M	**9.65**
10442	1" FNPT 20M	**15.10**
11110	1 1/2" FNPT 80M	**17.90**

Shut-Off 0 GPM	40 GPM	60 GPM	80 GPM	100 GPM	120 GPM
120 PSI	116 PSI	112 PSI	110 PSI	88 PSI	53 PSI
100 PSI	97 PSI	92 PSI	84 PSI	74 PSI	46 PSI
80 PSI	75 PSI	70 PSI	61 PSI	52 PSI	20 PSI
60 PSI	57 PSI	52 PSI	43 PSI	29 PSI	–

150 Series High Performance Hydraulic Pump

- 1½" Suction / 1¼" Discharge.
- The high performance pump: 100 PSI at 88 GPM.
- Provides higher pressure and greater volume for applications with large tanks and longer spray booms.
- The 206 motor requires 7 GPM maximum hydraulic fluid input and fits virtually all tractor hydraulic systems.

Recommended for:

- Pressure compensating closed center systems
- Load sensing closed center systems
- Open center systems up to 16 GPM using internal needle valve bypass

Maximum Pressure: 120 PSI
Maximum Flow: 120 GPM

Note: To determine the correct Performance Data for your application, first shut off all flow on discharge side of pump and determine the shut-off pressure at the pump. Use this shut-off pressure to determine which line of data applies.

PART	DESCRIPTION	PRICE (E)
FMC-150-HYD-206	Hyd. Pump 1½" x 1¼"	**1232.20**

- Same specs as above, except flanged ports.
- Special order item.

PART	DESCRIPTION	PRICE (E)
FMC-150F-HYD-206	Hyd. Pump 1½" x 1¼"	**1292.95**

Shut-Off 0 GPM	40 GPM	80 GPM	120 GPM	160 GPM	200 GPM
120 PSI	114 PSI	100 PSI	85 PSI	65 PSI	36 PSI
100 PSI	92 PSI	83 PSI	68 PSI	52 PSI	–
80 PSI	76 PSI	68 PSI	57 PSI	43 PSI	–
60 PSI	57 PSI	50 PSI	40 PSI	–	–

200 Series High Performance Hydraulic Pump

- 2" Suction / 1½" Discharge.
- For high volume applications, Capacity to 200 GPM.
- Ideal for spraying, large tank agitation, liquid transfer and spray – transfer combinations.
- The 210 motor requires 10 GPM maximum hydraulic fluid input.

  Recommended for:
  - Pressure compensating closed center systems
  - Load sensing closed center systems
  - Open center systems up to 17 GPM using internal needle valve bypass
- The 304 motor requires 11 GPM maximum hydraulic fluid input.

  Recommended for:
  - Pressure compensating closed center systems
  - Load sensing closed center systems
  - Open center systems up to 20 GPM using internal needle valve bypass
- The 310 motor requires 16 GPM maximum hydraulic fluid input.

  Recommended for:
  - Large open center systems up to 24 GPM using internal needle valve bypass

Maximum Pressure: 120 PSI for 304 / 80 PSI for 210 / 60 PSI for 310
Maximum Flow: 200 GPM

Note: To determine the correct Performance Data for your application, first shut off all flow on discharge side of pump and determine the shut-off pressue at the pump. Use this shut-off pressure to determine which line of data applies.

PART	DESCRIPTION	PRICE (E)
FMC-200-HYD-210	Hydr. Pump 2" x 1⅕"	**1453.20**
FMC-200-HYD-304	Hydr. Pump 2" x 1⅕"	**1453.20**
FMC-200-HYD-310	Hydr. Pump 2" x 1⅕"	**1541.60**

Pump Feature	Ace Replacement	Original Equipment
Pump Bearings	203 Heavy Duty	202
Pump Shaft	¾" Diameter	⅝" Diameter
Clutch Rating	58 ft. lbs.	30 ft. lbs.
Clutch Bearings	Two	One
Clutch Pulley	Machined Steel	Stamped Steel

Heavy Duty Spra-Coupe Centrifugal Pump

Maximize the reliability and durability of your Spra-Coupe with an Ace Heavy-Duty Centrifugal Pump. This powerful design delivers superior performance with minimal maintenance, when compared to its closest industry competitors. Ace Pumps' precision craftsmanship ensures the pump's dependability and longevity.

- Fits Spra-Coupe models 3430, 3440, 3630, 3640, 4440, 4640.
- Heavy duty 204 bearings – 66% more dynamic load capacity than original equipment.
- Ultra-durable double bearing clutch – 93% higher torque rating than original equipment.
- Optional severe duty controlled porosity silicon carbide seal.
- ¾" pump shaft.

PART	PRICE (E)
FMC-CW-150-MAG-DX3	**1143.75**

316 Stainless steel straight centrifugal pump with flanged ports driven by a 7 GPM new generation hydraulic motor with integral needle valve. Supplied with restrictor orifice.

- Max. pressure: 120 PSI Max. flow: 135 GPM
- Inlet port 1-1/2" NPT and 220 full port flange
- Outlet port 1-1/4" NPT and 200 standard port flange

PART	DESCRIPTION	PRICE (E)
FMC150FSHYD206	Stainless HYD. Pump	**2066.50**

HYPRO®

SPEED RPM	5 PSI GPM	10 PSI GPM	15 PSI GPM	20 PSI GPM	30 PSI GPM	40 PSI GPM	50 PSI GPM	60 PSI GPM	70 PSI GPM
2400	74	73	64	54	-	-	-	-	-
3600	108	107	106	105	102	90	69	34	-
4200	-	124	122	122	118	115	107	93	70

9203C Series Pump

Hypro pedestal mounted cast iron centrifugal pumps c/w non-corrosive plastic impeller, Viton seal, and 5/8" solid shaft with 3/16" keyway.

PART	DESCRIPTION	PRICE (E)
9203C	1 1/2" x 1 1/4"	**511.75**
9203C-R	1 1/2" x 1 1/4", Reverse rotation	**524.65**

9203P Polypropylene Pump

5/8" shaft, 3/16" keyway, 1 1/2" inlet, 1 1/4" outlet.

PART	PRICE (E)
9203P-S	**634.20**

9306 Series

PART		PRICE (E)
9306C-HM1C	2 x 1 1/2" Open/Closed*	**1310.15**
9306C-HM5C	2 x 1 1/2" Open*	**1310.15**

9203C Pump with 12V Magni-Clutch

Will transmit up to 10 HP at 4000 RPM. Energized by using on-off toggle switch at driver's seat. Draws only 2 amps from 12 V battery during operation. Eliminates necessity of using PTO or hydraulic systems. Simple installation.

PART	DESCRIPTION	PRICE (E)
9263C-C	Pump with Clutch	**966.70**
3430-0592	12 V Clutch Only	**765.80**

9303 Series

9300 Series Hydraulic

PART	DESCRIPTION	PRICE (E)
9302C-HM1C	1 1/4" x 1" Open	**1084.15**
9302C-HM2C	1 1/4" x 1" Closed	**1084.15**
9302C-HM4C	1 1/4" x 1" Closed	**1084.15**
9303C-HM1C	1 1/2" x 1 1/4" Open/Closed	**1119.00**
9303C-HM2C	1 1/2" x 1 1/4" Closed	**1119.00**
9303C-HM3C	1 1/2" x 1 1/4" Open	**1189.70**
9303C-HM4C	1 1/2" x 1 1/4" Open/Closed	**1119.00**

9300 Series Stainless Steel

PART	DESCRIPTION	PRICE (E)
9303S-HM1C	1 1/2" Inlet, 1 1/4" Outlet	**2015.40**
9303S-HM2C	1 1/2" Inlet, 1 1/4" Outlet	**2015.40**
9303S-HM3C	1 1/2" Inlet, 1 1/4" Outlet	**2088.20**
9303S-HM4C	1 1/2" Inlet, 1 1/4" Outlet	**2015.40**
9303S-HM5C	1 1/2" Inlet, 1 1/4" Outlet	**2015.40**
9306S-HM1C	2" Inlet, 1 1/2" Outlet	**2354.75**
9306S-HM3C	2" Inlet, 1 1/2" Outlet	**2426.75**
9306S-HM5C	2" Inlet, 1 1/2" Outlet	**2354.75**

9303 Poly Pump

PART	DESCRIPTION	PRICE (E)
9303P-HM4C	1 1/2" Inlet, 1 1/4" Outlet	**1168.80**

9000 Series Cast Iron Gear Drive Pumps

PART	DESCRIPTION	PRICE (E)
9006C-0	1 3/8" - 540 PTO	**1236.45**
9008C-0	1 3/8" - 1000 PTO	**1206.85**
9016C-0	1" - 540 PTO	**1219.55**
9018C-0	1" - 1000 PTO	**1192.80**

9000 Series Poly Gear Drive Pumps

PART	DESCRIPTION	PRICE (E)
9006P-0	1 3/8" - 540 PTO	**1295.20**
9008P-0	1 3/8" - 1000 PTO	**1295.20**
9016P-0	1 3/8" - 540 PTO POLY	**1204.95**
9018P-0	1 3/8" - 1000 PTO POLY	**1204.95**

9402 Belt Drive Pump
- 1¼" inlet, 1" outlet.
- 540 RPM.

PART	DESCRIPTION	PRICE (E)
9402C-540Q	Cast Iron	**1241.45**

6500 Series Roller Pumps
- 6 roller.
- 8 GPM at 540-50 PSI, 16 GPM at 1000-50 PSI.
- 540 or 1000 RPM.

PART	DESCRIPTION	PRICE (E)
6500C	Cast Iron	**211.10**
6500N	Ni-Resist	**477.90**
6500XL	Silver Cast	**673.00**

1700 Series Roller Pumps
- 5 roller.
- 50 PSI.
- 20 GPM-540 RPM.

PART	DESCRIPTION	PRICE (E)
1700C	Cast Iron	**434.10**
1700N	Ni-Resist	**899.00**
1700XL	Silver Cast	**1214.55**

7700 Series Roller Pumps
- 7 roller.
- 12 GPM @ 50 PSI.
- 540 RPM.

PART	DESCRIPTION	PRICE (E)
7700C	Cast Iron	**281.75**
7700N	Ni-Resist	**545.60**
7700XL	Silver Cast	**820.35**

4101 Series Roller Pumps
- 4 roller pump.
- ¾" inlet/outlet.
- ⅝" stainless steel shaft.

PART	DESCRIPTION	PRICE (E)
4101C	Cast Iron	**195.15**
4101N	Ni-Resist	**348.45**

1502 Series Roller Pumps
- 6 roller
- 27 GPM 50 PSI @ 540, 56 GPM 50 PSI @ 1000.
- 540 or 1000 RPM.

PART	DESCRIPTION	PRICE (E)
1502C	Cast Iron	**668.05**
1502N	Ni-Resist	**1104.05**
1502XL	Silver Cast	**1522.20**

7560 Series Roller Pump
- 8 roller.
- 50 PSI.
- 11 GPM-540 RPM, 22 GPM-1000 RPM.

PART	DESCRIPTION	PRICE (E)
7560C	Cast Iron	**276.80**
7560N	Ni-Resist	**545.60**
7560XL	Silver Cast	**800.45**

Note: For Parts, see Parts Section

(XL Shown)

4101N-AEH Roller Pump
- 12 V DC Motor.
- Super rollers and Viton seals.
- ⅓ HP.
- 50 PSI maximum.
- 6 GPM @ 25 PSI, 17 AMP.
- 7.5 GPM open flow.

PART	DESCRIPTION	PRICE (E)
4101N-AEH	Ni-Resist	**767.60**
4101XL-AEH	XL Silver Cast	**940.80**

1200 Roller Pump
- 4 roller.
- 48 GPM 50 PSI @ 540.
- 540 RPM.

PART	DESCRIPTION	PRICE (E)
1200C	Cast Iron	**500.00**

HYPRO®

PSI	350 RPM GPM	HP	400 RPM GPM	HP	450 RPM GPM	HP	500 RPM GPM	HP	550 RPM GPM	HP
0	14.7	2.2	17.0	2.5	18.2	2.9	19.7	3.5	20.8	3.6
435	13.5	4.1	15.5	4.6	17.3	5.3	19.0	5.9	19.6	6.3
580	13.4	5.3	15.2	6.0	17.1	6.8	18.3	7.6	19.2	8.1
725	13.3	6.4	14.9	7.4	16.9	8.4	17.8	9.3	18.7	9.9

Hypro D813 Diaphragm Pump

- 1¼" barb inlet, ¾" NPT outlet.
- 21 GPM max., 725 PSI max., 550 RPM max., 140˚F max.
- 50 lbs.
- Mount to 8-18 HP gas engine.

PART	DESCRIPTION	PRICE (E)
9910-D813	Pump Only	**1702.85**
9910-D813GRGI	With Gear Reduction, Controls	**2914.75**

PSI	350 RPM GPM	HP	400 RPM GPM	HP	450 RPM GPM	HP	500 RPM GPM	HP	550 RPM GPM	HP
0	19.3	0.3	22.1	0.3	24.8	0.4	27.1	0.7	30.1	0.8
145	18.7	1.8	21.4	2.1	24.0	2.4	26.4	2.7	29.0	3.0
217	18.6	2.7	21.2	3.1	23.9	3.5	26.2	3.9	28.8	4.3
290	18.5	3.6	21.1	4.1	23.8	4.5	26.1	5.0	28.7	5.5

Hypro-D115 Diaphragm Pump

- 1½" inlet, 1" outlet.
- Max flow: 30 GPM max., 290 PSI max., 550 RPM, 140˚F max.
- 34 lbs.
- For shaft kits see following pages.
- Recommended control unit 3300-0088.

PART	DESCRIPTION	PRICE (E)
9910-D115	Pump Only	**1608.90**

PSI	350 RPM GPM	HP	400 RPM GPM	HP	450 RPM GPM	HP	500 RPM GPM	HP	550 RPM GPM	HP
0	27.7	0.7	31.7	0.8	35.7	0.9	38.4	1.3	42.5	1.4
145	25.2	2.5	28.8	2.9	32.4	3.3	35.8	3.9	39.4	4.3
217	24.7	3.7	28.2	4.2	31.7	4.7	35.2	5.3	38.7	5.8
290	24.2	4.5	27.7	5.2	31.2	5.9	34.6	8.7	38.2	7.4

Hypro D160 Diaphragm Pump

- 2" inlet, 1½" outlet.
- 42 GPM max., 290 PSI max., 550 RPM max., 140˚F max.
- Weight: 70 lbs.
- 1⅜" – 6 sprine shaft.
- Recommended control unit 3300-0088

PART	DESCRIPTION	PRICE (E)
9910-D160	Pump Only	**2850.45**

Hypro D1064 Diaphragm Pump

- 1½" hose barb inlet, ¾" NPT (M) outlet.
- 28 GPM max., 725 PSI max., 550 RPM max., 140˚F max.
- 55 lbs.
- 4 semi-hydraulic diaphragms.
- Flanged adapter and 1⅜"-6B splined shaft.
- Anodized aluminum housing.
- CW and CCW pump shaft rotation.
- Recommended control unit 9910-VDR50 or 9910-GS50GI

PART	DESCRIPTION	PRICE (E)
9910-D1064	Pump Only	**1928.80**
9910-D1064GRGI	With Gear Reduction, Controls	**3139.90**

HYPRO®

PSI	450 RPM GPM	450 RPM HP	550 RPM GPM	550 RPM HP	650 RPM GPM	650 RPM HP
50	4.2	0.33	5.1	0.43	6.0	0.53
100	4.1	0.37	5.0	0.47	5.9	0.57
150	4.0	0.40	4.9	0.50	5.8	0.60
200	3.8	0.50	4.5	0.80	5.3	1.00
290	3.6	0.60	4.5	0.80	5.3	1.00

Hypro D252 Diaphragm Pump

- ¾" inlet, ½" NPT outlet.
- 6 GPM max., 290 PSI max., 650 RPM max., 140˚F max.
- 25 lbs.
- Use 3 HP gas engine.
- 9910D252GRGI comes with gear reduction and pressure controls (to be remounted to 3 HP gas engine)

PART	DESCRIPTION	PRICE (E)
9910-D252	Pump Only	**772.70**
9910-D252GRGI	With Gear Reduction, Controls	**1068.95**

PSI	350 RPM GPM	350 RPM HP	400 RPM GPM	400 RPM HP	450 RPM GPM	450 RPM HP	500 RPM GPM	500 RPM HP	550 RPM GPM	550 RPM HP
145	9.2	1.2	10.6	1.5	11.6	1.8	12.7	2.2	13.7	2.5
285	9.0	2.0	10.3	2.3	11.4	2.8	12.4	3.1	13.5	3.5
430	8.7	2.7	10.0	3.0	11.1	3.5	12.1	4.0	13.2	4.5
580	8.4	3.4	9.8	3.8	10.8	4.4	11.9	4.9	12.9	5.4

Hypro D503 Diaphragm Pump

- 1¼" barb inlet, ¾" NPT outlet.
- 15 GPM max., 580 PSI max., 550 RPM max., 140˚F max.
- 28 lbs.
- 3 diaphragm.
- Mounts to 9 HP Honda GX270 engine.

PART	DESCRIPTION	PRICE (E)
9910-D503	Pump Only	**1367.70**
9910-D503GRGI	With Gear Reduction, Controls	**2319.80**
9910-D503GRGI-H	Includes Honda 9 HP	**2645.65(H)**

Model 9910-D403GRG1 shown

Hypro D403 Diaphragm Pump

- 1" Hose barb inlet; two ½" hose barb outlets.
- 3 Diaphragm pump.
- 10.6 GPM max flow.
- 580 PSI max pressure.
- 550 max RPM.
- 140º F max temperature.
- 23 lbs.
- Use 9910-KIT1640 for ¾" shaft gas engine.

PART	DESCRIPTION	PRICE (E)
9910-D403	Pump Only	**998.70**
9910-D403GRGI	With Gear Reduction, Controls	**1817.95**
9910-GR40	Control Unit Only	**334.30**

PSI	350 RPM GPM	350 RPM HP	450 RPM GPM	450 RPM HP	550 RPM GPM	550 RPM HP
50	6.0	0.4	7.9	0.8	9.50	1.6
100	5.9	0.9	7.8	1.3	9.30	2.0
200	5.7	1.3	7.5	1.8	9.10	2.5
300	5.5	1.6	7.4	2.2	9.00	2.8
400	5.3	2.2	7.1	2.8	8.70	3.6
580	5.0	2.7	6.9	3.4	8.45	4.2

Hypro D30 Diaphragm Pump

- 1" inlet, ½" barb outlet.
- 9 GPM max, 580 PSI max., 550 RPM max., 140˚F max.
- 23 lbs.
- 9910D30GRGI mounts to Honda GX160 5½ HP engine.

PART	DESCRIPTION	PRICE (E)
9910-D30	Pump Only	**965.70**
9910-D30GRGI	With Gear Reduction, Controls	**1731.60**
9910-D30GRGIH	Includes Honda 5½ HP	**1798.30(H)**

HYPRO®

9910-GS40GI Control Unit

- One high pressure relief valve and two 1/2" HB outlets with individual shut-offs.
- 15 GPM max., 580 PSI max.
- Control unit 3 1/2 lbs., remote mounting kit 1 lb.

PART	DESCRIPTION	PRICE (E)
9910-GS40GI	For Hypro 9910-D30 and D50 Pumps	**278.65**
9910-KIT1741	Remote Mounting Kit	**60.55**
9910-KIT1757	Repair Kit	**88.55**

9910-RM40 Control Unit

- One high pressure relief valve and two 1/2" HB outlets with individual shut-offs.
- 24 GPM max., 580 PSI max.
- 3 1/2 lbs., remote mounting kit 2 lbs.

PART	DESCRIPTION	PRICE (E)
9910-RM40	For Hypro 9910-D503 Pump	**342.90**
9910-KIT1897	Remote Mounting Kit	**152.80**

3300-0088

3300-0087 and 3300-0088 Control Units

- One built-in relief valve, three 3/4", 1/2" and 3/8" HB outlets with individual shut-offs.
- 40 GPM max., 290 PSI max.
- 9910-0087 7 lbs., 9910-0088 7 3/4 lbs.
- 3300-0087 does not have quick release lever.

PART	DESCRIPTION	PRICE (E)
3300-0087	For Hypro 9910-D70, D115 and D160 Pumps	**543.40**
3300-0088	For Hypro 9910-D70, D115 and D160 Pumps	**801.20**

9910-Kit 1994 Control Unit

- Includes one relief valve and two 3/8" HB outlets.
- 1 lb.

PART	DESCRIPTION	PRICE (E)
9910-KIT1994	For Hypro 9910-D12GRGI Pump	**138.90**

9910-GS50GI Remote Control Unit

- One high pressure relief valve and three 1/2" HB outlets with individual shut-offs.
- 40 GPM max., 725 PSI max.
- Control unit 8 1/2 lbs., remote mounting kit 1 lb.

PART	DESCRIPTION	PRICE (E)
9910-GS50GI	For Hypro 9910-D813, D1064, D1516 and D1554 Pumps	**543.40**
9910-KIT1742	Remote Mounting Kit	**105.90**
9910-KIT1732	Repair Kit	**132.85**

9910-VDR50 Control Unit

- Fits 9910-503, D813, D1064.
- Includes gauge, relief valve, bypass lever, two 1/2" HB outlets with shut-offs, and 1" HB bypass.

PART	DESCRIPTION	PRICE (E)
9910-VDR50	Fits 9910-503, D813 and D1064 Pumps	**654.50**

9910-Kit 1642 Gear Reduction Kit

- For use with standard 8-18 HP gas engine with 1" shaft.
- 6:1 gear box, 8 1/2 lbs.

PART	DESCRIPTION	PRICE (E)
9910-KIT1642	For Hypro 9910-D50, D503, D813 and D1064 Pumps	**809.05**

9910-Kit 1640 Gear Reduction Kit

- For use with standard 5 HP gas engine with 3/4" shaft.
- 6:1 gear box, 6 1/2 lbs.

PART	DESCRIPTION	PRICE (E)
9910-KIT1640	For Hypro 9910-D30 Pump	**647.60**

Diaphragm Pump Repair Kits (not shown)

1 3/8 - 6B Male PTO Shaft Kits

PTO(M) shaft adapter, mounting bracket and hardware.

PART	DESCRIPTION	PRICE (E)
9910-KIT1702	For Hypro 9910-D30 Diaphragm Pump	**164.10**
9910-KIT1706	For Hypro 9910-D50 Diaphragm Pump	**203.15**
9910-KIT1710	For Hypro 9910-D70 and D115 Diaphragm Pumps	**288.20**
9910-KIT2200	For Hypro 9910-D503 Diaphragm Pump	**147.60**

1" Solid Shafts

PTO(M) shaft adapter, mounting bracket and necessary hardware.

PART	DESCRIPTION	PRICE (E)
9910-KIT1703	For Hypro 9910-D30 Diaphragm Pump	**164.10**
9910-KIT1707	For Hypro 9910-D50 Diaphragm Pump	**203.15**
9910-KIT1711	For Hypro 9910-D70 and D115 Diaphragm Pumps	**287.35**
9910-KIT2202	For Hypro 9910-D503 Diaphragm Pump	**147.60**

3/4" Gear Reduction – NEW Style

- For D30, D303, and D403 Pumps
- New and improved bolt-through pinion gear to help prevent keyway fretting and seizing.
- Engine mounting flange designed for ease of assembly with standard tools.
- Robust 6:1 gear design increases longevity
- Increased oil capacity
- Made for use on gas engines with 3/4" shaft
- Available pre-assembled on HRGI models

PART	DESCRIPTION	PRICE (E)
8000-0056	Gear Reduction – New style	**584.85**

TrunkPump™

TrunkPump turns pumping into an easy one-person job and saves time, money and labor because your tractor does all the hard work.

TrunkPump Dewatering, Trash & Pressure Pumps handle a wide variety of applications, and our full line of Accessories help get the job done.

All 3-Point (Category 1) Models include Tractor Mounting Hardware and PTO shaft.

PTO- Driven Model (shown with optional hose kit)

Hydraulic-Driven Model

Cylinder-Style Strainer

Taper-Style Strainer

PTO-Driven Pumps – Category 1, 540 rpm; require 8HP motor

PART	DESCRIPTION	PRICE (G)
TP-3PTV	3" De-Watering Self-Priming Poly Pump (Hypro 1543P) • *400+ GPM; 90' total head, up to 40 PSI.* • *Useful for a wide range of water / liquid transfer / evacuation applications where volume is important. Easy to maintain.*	**CALL**
TP-2PTP	2" High Pressure Self-Priming Die Cast Aluminum Pump • *120+ GPM; 18 feet suction head, up to 88 PSI (75 PSI @ 30 GPM)* • *Useful for irrigation and high head / pressure applications where moderate volume is required. Silicone Carbide seal.*	**CALL**
TP-2PTR	2" Trash Self-Priming Die Cast Aluminum Pump • *200+ GPM; 25 feet suction head, up to 45 PSI* • *Useful for water transfer / evacuation – handles solids up to 1"*	**CALL**
TP-3PTR	3" Trash Self-Priming Die Cast Aluminum Pump • *300+ GPM; 25 feet suction head, up to 40 PSI* • *Useful for water transfer / evacuation – handles solids up to 1.25"* • *Heavy duty; Ductile Iron Impeller, Cast Iron volute.*	**CALL**
TP-4PTR	4" Trash Self-Priming Die Cast Iron Pump • *500+ GPM; REQUIRES 16 HP motor* • *Useful for high water transfer / evacuation – handles solids up to 2"*	**CALL**

Hydraulic Driven De-Watering Pumps

Pumps come in compact roll cage configuration with cam-lock pump fittings, hydraulic flow regulating manifold, 8 ft hydraulic hoses w/ male and female Flush-Face Quick Disconnect Couplings (ISO-16028 interface for universal interchangeability). 1-year Manufacturer's Warranty.

Requirements: Remote hydraulics with 9 – 30 GPM and 1200 PSI minimum

PART	DESCRIPTION	PRICE (G)
TP-2HYD	2" De-Watering Self-Priming Reinforced Poly Pump • *190+ GPM; Total Dynamic Head: 70+ feet, self-priming to 25 feet* • *Built-in check valve; 75 lbs., 25" x 19" x 19"*	**CALL**
TP-3HYD	3" De-Watering Self-Priming Reinforced Poly Pump • *280+ GPM; Total Dynamic Head: 70+ feet, self-priming to 25 feet* • *Built-in check valve; 75 lbs., 25" x 19" x 19"*	**CALL**

Specialty Shallow Strainers – Includes elbow fitting

PART	DESCRIPTION	PRICE (I)
SHALLOWSTRAIN2	2" Cylinder-Style Strainer – draws to ½" depth	**65.20**
SHALLOWSTRAIN3	3" Cylinder-Style Strainer – draws to ½" depth	**85.50**
SHALLOWSTRAIN	2" Taper-Style Strainer – draws to ¼" depth	**116.75**
SHALLOWSTRAIN3A	3" Taper-Style Strainer – draws to ¼" depth	**172.40**

Gas Engine Powered Pumps

WP-2065HL General Purpose 2" Water Pump
- 2" NPT inlet and outlet Aluminum Pump.
- Honda GX200 6.5HP engine with Oil Alert.
- 158 gallons per minute Maximum Flow.
- 82' Total Lift.
- Solids through pump not recommended.

PART	DESCRIPTION	PRICE(H)
WP-2065HL	2" Water Pump w/ Honda	**644.60**

WP-3065HL General Purpose 3" Water Pump
- 3" NPT inlet and outlet Aluminum Pump.
- Honda GX200 6.5HP engine with Oil Alert.
- 264 gallons per minute Maximum Flow.
- 85' Total Lift.
- Solids through pump not recommended.

PART	DESCRIPTION	PRICE(H)
WP-3065HL	3" Water Pump w/ Honda	**695.60**

4" Water Transfer Pump w/ Honda GX390 Engine
- 4" male NPT inlet and outlet ports.
- Aluminum casing and H.D. Cast Iron impeller.
- 422 GPM maximum flow.
- 26' suction lift, 98' total lift.
- Honda 389cc engine features 6.8 litre fuel tank, recoil start, and low oil alert.

PART	DESCRIPTION	PRICE(H)
WP-4013HR	4" Water Pump w/ Honda	**1169.70**

1" Water Transfer Pump w/ Powerease 79cc Engine
- 1" male NPT inlet and outlet ports.
- Aluminum impeller and casing.
- 42 GPM maximum flow.
- 20' suction lift, 85' total lift.
- Powerease engine features 2 litre fuel tank, recoil start, and low oil shutdown protection.

PART	DESCRIPTION	PRICE(H)
WP-1020R	1" Water Pump w/ Powerease	**306.15**

WP-2070S 2" Water Pump
- 2" NPT inlet and outlet Aluminum Pump.
- Powerease 210CC engine with Oil Alert.
- 158 gallons per minute Total Flow.
- 82' Total Lift.
- Solids through pump not recommended.

PART	DESCRIPTION	PRICE(H)
WP-2070S	2" Pump w/ 210 CC engine	**306.60**

WP-3070S 3" Water Pump
- 3" NPT inlet and outlet Aluminum Pump.
- Powerease 7HP engine with Oil Alert.
- 264 gallons per minute Total Flow.
- 85' Total Lift.
- Solids through pump not recommended.

PART	DESCRIPTION	PRICE(H)
WP-3070S	3" Pump w/ 7 HP engine	**342.90**

HP-2065HR High Pressure 2" Transfer Pump
High pressure system operates at 65 PSI; ideal for lawn sprinkling and fire fighting.
- 2" NPT inlet and outlet Aluminum Pump.
- Honda GX200 6.5HP engine with Oil Alert.
- 126 gallons per minute Maximum Flow.
- 197' Total Lift (@ 85 PSI).
- Solids through pump not recommended.

PART	DESCRIPTION	PRICE(H)
HP-2065HR	2" High Pressure Pump	**753.50**

TP-3013HM 3" Trash Pump
- 3" NPT inlet and outlet Aluminum Pump.
- Honda GX390 13HP engine with Oil Alert.
- 286 gallons per minute Maximum Flow.
- 98' Total Lift.
- Handles solids up to 1" diameter through pump.

PART	DESCRIPTION	PRICE(H)
TP-3013HM	3" Trash Pump w/ Honda	**1952.80**

TP-4013HM 4" Trash Pump
- 4" NPT inlet and outlet Aluminum Pump.
- Honda GX390 13HP engine with Oil Alert.
- 506 gallons per minute Maximum Flow.
- 95' Total Lift.
- Handles solids up to 1" diameter through pump.

PART	DESCRIPTION	PRICE(H)
TP-4013HM	4" Trash Pump w/ Honda	**2070.75**

Gas Engine Powered Pumps

2" High Pressure/Firefighting Pump w/ Powerease 210cc Engine

- 2" male NPT inlet and outlet ports.
- Aluminum impeller and casing.
- 126 GPM maximum flow, 85 PSI Outlet Pressure.
- 26' suction lift, 197' total lift.
- Powerease engine features 3.6 litre fuel tank, recoil start, and low oil shutdown protection.

PART	DESCRIPTION	PRICE(H)
HP-2070R	2" HP Pump w/ Powerease	**453.15**

2" Chemical Transfer Pump w/ Honda GX200 Engine

- 2" male NPT inlet and outlet ports.
- Fibreglass filled poly impeller and casing.
- 154 GPM maximum flow.
- 26' suction lift, 115' total lift.
- Honda 196cc engine features 3.6 litre fuel tank, recoil start, and low oil alert.

PART	DESCRIPTION	PRICE(H)
NP-2065HR	2" Chemical Pump w/ Honda	**698.40**

2" Chemical Transfer Pump w/ Powerease 210cc Engine

- 2" male NPT inlet and outlet ports.
- Fibreglass filled poly impeller and casing.
- 154 GPM maximum flow.
- 26' suction lift, 115' total lift.
- Powerease engine features 3.6 litre fuel tank, recoil start, and low oil shutdown protection.

PART	DESCRIPTION	PRICE(H)
NP-2070R	2" Chemical Pump w/ Powerease	**453.55**

2" High Pressure/Firefighting Pump w/ Powerease 420cc Engine

- 2" male NPT inlet and outlet ports.
- Cast Iron impeller and casing.
- 140 GPM maximum flow, 145 PSI Outlet Pressure.
- 26' suction lift, 330' total lift.
- Powerease engine features 6.5 litre fuel tank, recoil start, and low oil shutdown protection.

PART	DESCRIPTION	PRICE(H)
HP-2015R	2" HP Pump w/ Powerease	**959.35**

3" Chemical Transfer Pump w/ Honda GX200 Engine

- 3" male NPT inlet and outlet ports.
- Fibreglass filled poly impeller and casing.
- 265 GPM maximum flow.
- 26' suction lift, 95' total lift.
- Honda 196cc engine features 3.6 litre fuel tank, recoil start, and low oil alert.

PART	DESCRIPTION	PRICE(H)
NP-3065HR	3" Chemical Pump w/ Honda	**758.50**

3" Chemical Transfer Pump w/ Powerease 210cc Engine

- 3" male NPT inlet and outlet ports.
- Fibreglass filled poly impeller and casing.
- 265 GPM maximum flow.
- 26' suction lift, 92' total lift.
- Powerease engine features 3.6 litre fuel tank, recoil start, and low oil shutdown protection.

PART	DESCRIPTION	PRICE(H)
NP-3070R	3" Chemical Pump w/ Powerease	**574.45**

2"Semi-Trash Pump w/ Honda GX200 Engine

- 2" male NPT inlet and outlet ports.
- 125 GPM maximum flow.
- 26' suction lift, 82' total lift.
- Handles up to 5/8" solids.
- Honda 196cc engine features 3.1 litre fuel tank, recoil start, and low oil alert.

PART	DESCRIPTION	PRICE(H)
TP-2065HT	2" Semi-Trash Pump w/ Honda	**813.40**

3"Semi-Trash Pump w/ Honda GX200 Engine

- 3" male NPT inlet and outlet ports.
- 264 GPM maximum flow.
- 26' suction lift, 85' total lift.
- Handles up to 1" solids.
- Honda 196cc engine features 3.1 litre fuel tank, recoil start, and low oil alert.

PART	DESCRIPTION	PRICE(H)
TP-3065HR	3" Semi-Trash Pump w/ Honda	**840.90**

4" Trash Pump w/ Powerease 420cc Engine

- 4" male NPT inlet and outlet ports.
- Cast Iron impeller and aluminum casing.
- 580 GPM max. flow; 26' suction lift, 95' total lift.
- Handles up to 1" solids.
- Powerease engine features 3.6 litre fuel tank, recoil start, and low oil shutdown protection.

PART	DESCRIPTION	PRICE(H)
TP-4015RM	4" Trash Pump w/ Powerease	**1683.20**

Poly Pumps HYPRO®

1542P-5SP 2" Poly Pump

- 1542P-5SP features 5-vane impeller and 6.5 HP PowerPro engine.
- Self-priming pump with nylon impeller.
- Maximum suction lift of 25 feet.
- 2" Female NPT inlet and outlet ports.
- EPDM mechanical seal and inlet valve.
- Low oil sensor on engine.
- Model c/w 1-year warranty on pump and engine.
- Pump and engine parts are stock items.
- Weight – 50 pounds

PART	DESCRIPTION	PRICE (C)
1542P-5SP	2" Poly Pump (5-vane) w/ 6.5 HP PowerPro engine	**519.40**
3430-0690	Pump head kit for 1542P-3SP	**253.25**
3430-0691	Pump head kit for 1542P-5SP (unassembled)	**258.35**
3430-0635	Seal kit for 1542P-3SP / 1542P-5SP pumps	**65.25**

3" FNPT Inlet/Outlet

3" Manifold Inlet/Outlet

1543P Series 3" Pumps

- Four models featuring either 9.0 or 13 HP PowerPro pull or electric start engines.
- 1543P-130ESP-01 model features 3" Manifold Inlet and Outlet Ports.
- Polypropylene pump housing is suitable for corrosive environments.
- Powered by field-proven PowerPro EPA engines.
- Self-priming pumps with maximum lift of 25 feet.
- 5-Vane Poly impeller with stainless steel insert.
- Can handle up to 3/8" diameter particles.
- EPDM mechanical seal and inlet valve.
- Supported by 1-year Hypro® warranty on pump and engine.
- Pump and parts are stock items.

PART	DESCRIPTION	PRICE (C)
1543P-90SP	3" Poly Pump w/ 9.0 HP PowerPro engine	**1064.15**
1543P-130SP	3" Poly Pump w/ 13.0 HP PowerPro engine	**1556.75**
1543P-130ESP	3" Poly Pump w/ 13.0 HP PowerPro engine – Electric	**1732.00**
1543P-130ESP-01	3" Poly Pump w/ Manifold Inlet/Outlet and 13.0 HP PowerPro engine – Electric start	**1879.60**
3430-0692	Pump head kit for 1543P pumps (unassembled)	**529.95**
3430-0757	Seal kit for 1543P series pumps	**277.75**
3430-0758	SHIM kit for 1543P pump and 3430-0693 KIT	**231.80**

3" Models also available; please inquire.

9342P Series 2" Poly Pumps

- Hydraulically-driven – two models to choose from.
- 2" Female NPT inlet and outlet ports.
- 9342P-HM1C-5SP - 10 GPM motor capacity; 200 GPM max; 58 PSI max.
- 9342P-HM5C-5SP - 11 GPM motor capacity; 206 GPM max; 60 PSI max.
- EPDM mechanical pump seals.
- Maximum suction lift of 25 feet.

PART	DESCRIPTION	PRICE (C)
9342P-HM1C-5SP	2" Hydraulic Poly Pump – 10 GPM motor capacity	**1012.50**
9342P-HM5C-5SP	2" Hydraulic Poly Pump – 11 GPM motor capacity	**1012.50**

9243P-SP 3" Poly Pedestal Pump

- 3" Female NPT inlet and outlet ports.
- 1" keyed shaft; requires 12 HP motor to achieve maximum performance.
- 460 GPM maximum volume; 54 PSI maximum pressure.
- Maximum suction lift of 25 feet; maximum total head of 125 feet.
- Poly impeller with stainless steel insert.
- EPDM mechanical pump seals.

PART	DESCRIPTION	PRICE (C)
9243P-SP	3" Poly Pedestal Pump w/ 1" keyed shaft	**849.20**

Pump Performance Charts (in US Gallons per Minute)

MODEL	GPM @ 0 PSI	GPM @ 10 PSI	GPM @ 20 PSI	GPM @ 30 PSI	GPM @ 40 PSI	GPM @ 50 PSI	GPM @ 60 PSI
1542P-5SP	200	182	162	136	106	65	0
1543P-90SP, 1543P-90ESP	373	343	291	231	156	53	0
1543P-130SP, 1543P-130ESP	440	400	338	269	184	68	0

9342P-HM1C-5SP

Hyd. Flow GPM	GPM @ 0 PSI	GPM @ 10 PSI	GPM @ 20 PSI	GPM @ 30 PSI	GPM @ 40 PSI	GPM @ 50 PSI	GPM @ 58 PSI
8	165	145	122	95	57	-	-
9	185	166	144	119	86	0	-
10	200	184	164	141	114	80	0

9342P-HM5C-5SP

Hyd. Flow GPM	GPM @ 0 PSI	GPM @ 10 PSI	GPM @ 20 PSI	GPM @ 30 PSI	GPM @ 40 PSI	GPM @ 50 PSI	GPM @ 60 PSI
9	175	154	123	84	0	-	-
10	192	174	149	118	76	0	-
11	206	189	169	145	117	79	0

9243P-SP

	Feet	0	12	23	35	46	58	69	81	92	104	116
	PSI	0	5	10	15	20	25	30	35	40	45	50
2900	GPM	380	358	342	312	275	224	160	50	-	-	-
RPM	HP	7.1	6.8	6.5	6.3	6.0	5.6	5.0	4.2	-	-	-
3200	GPM	424	405	384	359	331	297	251	193	103	0	-
RPM	HP	9.1	8.9	8.7	8.5	8.3	8.0	7.5	7.0	6.2	5.3	-
3500	GPM	460	445	425	404	379	353	321	280	227	159	70
RPM	HP	12.2	11.8	11.4	11.1	10.9	10.6	10.2	9.8	9.2	8.5	7.5

BANJO HYPRO ACE PUMPS

1537 Pump

- Unit includes pump, engine and base.
- Honda 5.5 HP oil alert engine and Hypro 1538 pump.
- 1½" inlet, 1¼" outlet.
- Nylon impeller.
- 82 GPM @ 40 PSI, 70 GPM @ 50 PSI, 50 GPM @ 60 PSI.

PART	DESCRIPTION	PRICE (H)
1537	Pump w/Honda 5.5 HP	**1289.25**

Ace GE660 Pump

- Ace 5½ HP Honda
- 1½" inlet
- 1¼" outlet
- 6" impeller mounts to ¾" shaft
- 110 GPM @ 20 PSI @ 3400 RPM
- 49 GPM @ 60 PSI @ 3400 RPM

PART	DESCRIPTION	PRICE (H)
GE660	Pump engine w/Honda 5.5 HP	**1282.60**

Ace 1" Poly Pump

- 1" inlet ¾" Outlet FNPT
- Available w/ Honda or PowerPro engines
- Performance charts available upon request

PART	DESCRIPTION	PRICE (H)
GE75HONDA	3 HP GX100	**1014.00**
GE85HONDA	5.5 HP GX160	**941.05**

3" Model Shown

Banjo 2" and 3" Poly Pumps w/ Honda Engines

- EPDM seals and gaskets.
- Female NPT inlet and outlet ports.
- Poly 5-Vane impeller on 2" model and poly 4-Vane impeller on 3" model; poly casing on both models.
- 2" Model features Honda GX 5.5 HP engine and 3" model features Honda GX 6.5 HP engine.
- Both engines include low oil sensor.

PART	DESCRIPTION	PRICE(H)
200PH5	2" Banjo Poly Pump w/ 5.5 HP	**787.45**
300PH6	3" Banjo Poly Pump w/ 6.5 HP	**977.20**

2" Full Port Manifold Inlet / Outlet

NEW!

Banjo 2" FP Manifold Poly Pump w/ 6.5 HP Honda

- EPDM seals and gaskets.
- 2" Full Port Manifold inlet and outlet ports.
- High performance impeller for maximum flow – up to 255 GPM!
- Honda GX series engine features low oil sensor.

PART	DESCRIPTION	PRICE(H)
M230PH6	2" Banjo FP Manifold Poly Super Pump w/ 6.5 HP Honda	**1002.20**

2" Model Shown

Banjo 2" and 3" Full Port Manifold Poly Pumps w/ Honda GX Series Engines

- EPDM seals and gaskets.
- Full Port Manifold inlet and outlet ports.
- Precision molded construction
- 2" Model features Honda GX 5.5 HP engine and 3" model features Honda GX 6.5 HP engine.
- Both engines include low oil sensor.

PART	DESCRIPTION	PRICE(H)
M220PH5	2" Banjo Poly Pump w/ 5.5 HP	**797.65**
M300PH6	3" Banjo Poly Pump w/ 6.5 HP	**1049.65**

Poly Check Valve

- 2" or 1½".
- Available with or without check valve.

PART	DESCRIPTION	PRICE (F)
FVPP2	2" Strainer C/W Check	**101.65**
FVPP2LC	2" Strainer Less Check	**51.70**
100750	2" NPT Female x Hose Insert	**5.95**
504019	2" Check Valve	**49.95**
2452067	2" NPT Female x 1½" NPT Male Adapter	**6.20**
100640	1½" NPT Female x 1½" Hose Insert	**5.50**

Metal Strainer

- NPT female threads.

PART	SIZE	PRICE (F)
SUCTION2	2" FPT Steel Strainer	**15.05**
SUCTION3	3" FPT Steel Strainer	**23.45**
SUCTION4	4" FPT Steel Strainer	**26.50**

Floating Filter

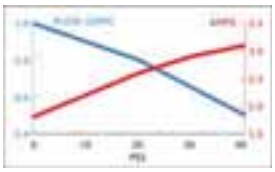
- 2" hose connection.
- Floats just below water level.
- Keeps suction hose off bottom.

PART	DESCRIPTION	PRICE (H)
FLOAT	2" Floating Pond Filter	**63.85**

EVERFLO HYPRO®

Everflo 1.0 GPM 12-Volt Diaphragm Pump

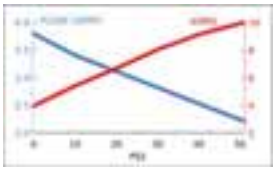
- Polypropylene pump housing and valve plate.
- Viton® Valves and Santoprene Diaphragm.
- 40 PSI maximum pressure; 1.0 GPM maximum flow.
- Honeywell™ Micro Demand Switch.
- Maximum fluid temperature 60º C (140º F).
- Self-priming to 4 feet.
- 3/8" hose barb inlet and outlet ports.
- 12 Volt DC; maximum 4.0 Amps.
- Round-Up® ready.



PART	DESCRIPTION	PRICE (G)
EF1000	1.0 GPM 12-Volt Diaphragm Pump	**49.95**

Everflo 3.0 GPM 12-Volt Diaphragm Pump

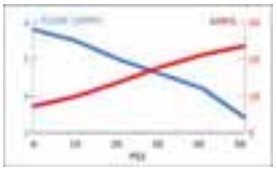
- Polypropylene pump housing and valve plate.
- Viton® Valves and Santoprene Diaphragm.
- Zinc-plated steel fasteners.
- 60 PSI maximum pressure; 3.0 GPM maximum flow.
- Honeywell™ Micro Demand Switch.
- Maximum fluid temperature 60º C (140º F).
- Self-priming to 8 feet.
- 1/2" Female NPT inlet and outlet ports.
- 12 Volt DC; maximum 10.0 Amps.
- Round-Up® ready.



PART	DESCRIPTION	PRICE (G)
EF3000	3.0 GPM 12-Volt Diaphragm Pump	**131.20**
EF3000-KIT	Complete Head Repair Kit for EF3000	**72.90**

Everflo 5.5 GPM 12-Volt Diaphragm Pump

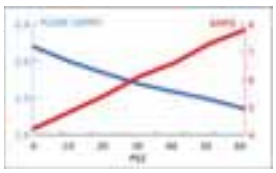
- Polypropylene pump housing and valve plate.
- Viton® Valves and Santoprene Diaphragm.
- Zinc-plated steel fasteners.
- 60 PSI maximum pressure; 5.5 GPM maximum flow
- Honeywell™ Micro Demand Switch.
- Maximum fluid temperature 60º C (140º F).
- Self-priming to 8 feet.
- 1/2" Female NPT inlet and outlet ports.
- 12 Volt DC; maximum 17.0 Amps.
- Round-Up® ready.



PART	DESCRIPTION	PRICE (G)
EF5500	5.5 GPM 12-Volt Diaphragm Pump	**191.45**
EF5500-KIT	Complete Head Repair Kit for EF5500	**124.10**

Everflo 2.2 GPM 12-Volt Diaphragm Pump

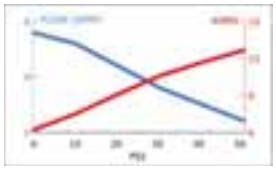
- Polypropylene pump housing and valve plate.
- Viton® Valves and Santoprene Diaphragm.
- Zinc-plated steel fasteners.
- 70 PSI maximum pressure; 2.2 GPM maximum
- Honeywell™ Micro Demand Switch.
- Maximum fluid temperature 60º C (140º F).
- Self-priming to 8 feet.
- 3/8" Female NPT inlet and outlet ports.
- 12 Volt DC; maximum 8.0 Amps.
- Round-Up® ready.



PART	DESCRIPTION	PRICE (G)
EF2200	2.2 GPM 12-Volt Diaphragm Pump	**97.65**
EF2200-KIT	Complete Head Repair Kit for EF2200	**54.25**

Everflo 4.0 GPM 12-Volt Diaphragm Pump

- Polypropylene pump housing and valve plate.
- Viton® Valves and Santoprene Diaphragm.
- Zinc-plated steel fasteners.
- 60 PSI maximum pressure; 4.0 GPM maximum flow.
- Honeywell™ Micro Demand Switch.
- Maximum fluid temperature 60º C (140º F).
- Self-priming to 8 feet.
- 1/2" Female NPT inlet and outlet ports.
- 12 Volt DC; maximum 13.0 Amps.
- Round-Up® ready.



PART	DESCRIPTION	PRICE (G)
EF4000	4.0 GPM 12-Volt Diaphragm Pump	**153.55**
EF4000-KIT	Complete Head Repair Kit for EF4000	**85.30**

Versa-Twin™ Plunger Pump w/ Pressure Switch

Ideal for transferring a variety of fluids in applications such as pest control and turf spraying.

- Twin diaphragm configuration.
- Integrated auto-demand adjustable pressure switch (150 - 200 PSI).
- Chemical resistant Noryl GTX pump body, FKM (Viton®-like) seals, and ceramic plunger.
- 1" Male NPT inlet / outlet ports.
- ½ HP 12V DC Motor.

PART	DESCRIPTION	PRICE (E)
2132P-D359	2130 Series Plunger Pump w/ Pressure Switch - 12 Volt, 35 Amps, 3.9 GPM, 200 PSI maximum	**1119.00**

SHURflo® DELAVAN

3 GPM 12 Volt

PSI	GPM	AMPS
10	2.80	5.3
20	2.69	5.5
30	2.36	6.7
40	2.05	7.7

- 45 PSI switch.
- Viton® valves.
- Santoprene® diaphragm.
- ½" 14 National American Straight Pipe Thread

PART	DESCRIPTION	PRICE (F)
2088-343-135	Pump, 12 Volt, 3 GPM, 45 PSI	**161.65**
234-3926	½" 90° Swivel Connector	**1.20**
234-3916	⅜" 90° Swivel Connector	**1.20**
234-2926	½" Straight Swivel Connector	**1.20**
234-2916	⅜" Straight Swivel Connector	**1.20**

1.4 GPM 12 V Pump

PSI	GPM	AMPS
20	1.26	5.0
40	1.14	6.2
60	1.02	7.3

- 60 PSI switch.
- Viton® valves and Santoprene® diaphragm.
- ⅜" NPT(F) ports.

PART	DESCRIPTION	PRICE (F)
8000-543-236	60 PSI, Pump	**135.80**
8000-543-238	100 PSI, Not shown	**140.40**

5.0 GPM 115 Volt Pump

PSI	GPM	AMPS
20	4.50	9.0
40	3.88	13.0
60	3.20	16.3

- Demand switch.
- Maximum 60 PSI.
- ½" FNPT ports, 6' power cord w/3-prong plug.
- Viton valves and Santoprene diaphragms.

PART	DESCRIPTION	PRICE (F)
5850-104E	5.0 GPM 115 Volt Pump	**251.10**
50-075	Heat Sink for 5850-104E pump	**22.15**

NOTE: Motor not equipped w/ thermal protection – heat sink is recommended for maximum motor life and performance

¼" FNPT Port

PSI	GPM	AMPS
10	2.79	5.8
30	2.26	8.3
50	1.69	10.1

3 GPM 12 Volt

- 3.3 GPM Open Flow.
- Viton® Valves, Santoprene® Diaphragm.
- ¼" FNPT Port for relief valve or pressure gauge.
- ½" 14 National American Straight Pipe Thread.

PART	DESCRIPTION	PRICE (F)
2088-343-500	12 Volt Pump	**157.95**

¼" FNPT Port

1.8 GPM 12 V Pump

- Viton® valves and Santoprene® diaphragm
- 3/8" FNPT ports.
- ¼" FNPT gauge or valve port
- No pressure control switch

PART	DESCRIPTION	PRICE (F)
8001-244-290	12 Volt Pump	**132.90**

PSI	GPM	AMPS
20	1.30	4.0
30	1.11	4.7
40	0.69	5.2
60	0.18	5.5

1.4 GPM By-Pass 12 V Pump

- 78 PSI internal by-pass.
- Viton® valves and Santoprene® diaphragm.
- ⅜" NPT(F) ports.

PART	DESCRIPTION	PRICE (F)
8000-543-250	By-Pass Pump	**132.80**

7.0 GPM 100 PSI Max 12 V Demand Pump

- ½" FNPT Ports.

PART	DESCRIPTION	PRICE (F)
7870-101E	7.0 GPM 12V Pump	**309.20**
50-125	Heat Sink for 7870-101E pump	**26.10**

NOTE: Motor not equipped w/ thermal protection – heat sink is recommended for maximum motor life and performance.

PSI	GPM	AMPS
10	4.7	9.0
20	4.3	11.8
30	4.1	12.4
40	3.8	14.0
50	3.6	15.4

ShurFlo 5.3 GPM 12 Volt Pump

- 5.3 GPM open flow; 3.8 GPM @ 40 PSI.
- 60 PSI pressure switch built in.
- Viton valves; Santoprene diaphragm.
- ½" Female NPT Inlet and Outlet ports.

PART	DESCRIPTION	PRICE (F)
5059-1310-D011	12 Volt Pump	**230.85**

PART	PSI	GPM	AMPS
8020-503-250	10	1.4	.37
	20	1.3	.44
	30	1.1	.50
	40	0.8	.56
2088-394-144	10	2.4	.55
	20	2.2	.60
	30	1.9	.65
	40	1.6	.70

115 Volt Pumps

- ⅜" ports.
- Internal relief 45 PSI.
- Viton® valves and Santoprene® diaphragm.
- No pressure switch.

PART	DESCRIPTION	PRICE (F)
8020-503-250	By-Pass Pump, 115V	**201.30**
2088-394-144	115V, 45 PSI Demand Switch	**251.20**
2088-394-154	115V, 45 PSI Demand Switch, Flying Leads	**227.20**

115 V Pumps

236 Series

- 1.4 GPM open flow (1.0 GPM @ 30 PSI).
- 60 PSI pressure switch.

238 Series

- 1.6 GPM open flow (1.0 GPM @ 50 PSI).
- 100 PSI pressure switch.

PART	DESCRIPTION	PRICE (F)
8020-513-236	60 PSI	**209.65**
8020-833-238	100 PSI	**237.35**

Valves

Brass Ball Valves

- Forged brass body with plastic coated handle.
- Standard Port.
- 600 PSI W-O-G rated.
- Female NPT x Female NPT.

PART	DESCRIPTION	PRICE(F)
BV014	¼" FNPT x ¼" FNPT	**4.10**
BV038	⅜" FNPT x ⅜" FNPT	**4.40**
BV012	½" FNPT x ½" FNPT	**5.80**
BV034	¾" FNPT x ¾" FNPT	**8.20**
BV100	1" FNPT x 1" FNPT	**13.25**
BV114	1 ¼" FNPT x 1 ¼" FNPT	**24.00**
BV112	1 ½" FNPT x 1 ½" FNPT	**33.55**
BV200	2" FNPT x 2" FNPT	**48.65**
BV250	2 ½" FNPT x 2 ½" FNPT	**107.05**
BV300	3" FNPT x 3" FNPT	**146.65**
BV400	4" FNPT x 4" FNPT	**225.90**

Brass Gate Valves

- 600 PSI W-O-G rated.
- Female NPT x Female NPT.

PART	DESCRIPTION	PRICE(F)
GV012	½" FNPT x ½" FNPT	**7.45**
GV034	¾" FNPT x ¾" FNPT	**9.60**
GV100	1" FNPT x 1" FNPT	**13.75**
GV114	1 ¼" FNPT x 1 ¼" FNPT	**19.05**
GV112	1 ½" FNPT x 1 ½" FNPT	**26.85**
GV200	2" FNPT x 2" FNPT	**37.75**
GV300	3" FNPT x 3" FNPT	**101.85**
GV400	4" FNPT x 4" FNPT	**158.75**

Shut-off Valves

- All models feature Female GH x Male GH thread.
- All Dramm valves are full port for maximum flow.

PART	DESCRIPTION	PRICE(F)
74VALVE	Dramm HD Poly Shut-off	**22.15**
300	Dramm Brass Shut-off	**28.80**
300AL	Dramm Aluminum Shut-off	**26.80**
075HGB	Brass GH x GH Shut-off	**26.35**

Stainless Steel Full Port Ball Valves

- Stainless Steel body with plastic coated handle.
- Full Port to reduce flow restriction.
- 1000 PSI W-O-G rated.
- Female NPT x Female NPT.

PART	DESCRIPTION	PRICE(E)
BVSS014	¼" FNPT x ¼" FNPT	**26.35**
BVSS038	⅜" FNPT x ⅜" FNPT	**26.35**
BVSS012	½" FNPT x ½" FNPT	**32.95**
BVSS034	¾" FNPT x ¾" FNPT	**40.25**
BVSS100	1" FNPT x 1" FNPT	**59.40**
BVSS114	1 ¼" FNPT x 1 ¼" FNPT	**91.85**
BVSS112	1 ½" FNPT x 1 ½" FNPT	**129.90**
BVSS200	2" FNPT x 2" FNPT	**184.65**
BVSS300	3" FNPT x 3" FNPT	**613.75**

PVC Gate Valves

- 200 PSI working pressure *(tested to 500 PSI @ 73ºF).*
- EPDM O-Ring.
- Female NPT x Female NPT

PART	DESCRIPTION	PRICE(E)
GVPVC050	½" FNPT x ½" FNPT	**7.10**
GVPVC114	1 ¼" FNPT x 1 ¼" FNPT	**15.50**
GVPVC112	1 ½" FNPT x 1 ½" FNPT	**20.10**
GVPVC200	2" FNPT x 2" FNPT	**29.35**

PVC Check Valves

- PVC body and poppet.
- Stainless steel spring and EPDM gasket.
- Maximum 100 PSI rating.
- Maximum temperature 140ºF (160ºC).
- Female NPT x Female NPT ports.

PART	DESCRIPTION	PRICE(F)
CVPVC0500	½" FNPT x ½" FNPT	**6.70**
CVPVC0750	¾" FNPT x ¾" FNPT	**7.35**
CVPVC1000	1" FNPT x 1" FNPT	**10.75**
CVPVC1250	1 ¼" FNPT x 1 ¼" FNPT	**14.35**
CVPVC1500	1 ½" FNPT x 1 ½" FNPT	**14.85**
CVPVC2000	2" FNPT x 2" FNPT	**17.95**
CVPVC3000	3" FNPT x 3" FNPT	**105.20**

Economy PVC Ball Valves

- Rated for water only.
- EPDM Seat and Stem O-ring.
- 150 PSI @ 73ºF (22ºC) maximum.
- 32ºF to 122ºF (0ºC to 50ºC) operating temperature.
- Female NPT x Female NPT.

PART	DESCRIPTION	PRICE(F)
BVPVC012	½" FNPT x ½" FNPT	**2.20**
BVPVC034	¾" FNPT x ¾" FNPT	**3.25**
BVPVC100	1" FNPT x 1" FNPT	**5.05**
BVPVC114	1 ¼" FNPT x 1 ¼" FNPT	**7.00**
BVPVC112	1 ½" FNPT x 1 ½" FNPT	**9.80**
BVPVC200	2" FNPT x 2" FNPT	**15.55**
BVPVC300	3" FNPT x 3" FNPT	**58.45**
BVPVC400	4" FNPT x 4" FNPT	**152.65**

Drum Faucets

- Chemical-resistant Poly Construction.
- Male NPT x spout.

PART	DESCRIPTION	PRICE(E)
DF0750	¾" Drum Faucet	**9.85**
DF2000	2" Drum Faucet	**38.85**

Banjo 3" Full Port Poly Check Valve

- One piece glass reinforced poly construction.
- 150 PSI maximum.
- 1 to 2 PSI spring.
- 316 Stainless Steel spring.
- EPDM gasket.
- Female NPT x Female NPT ports.
- Flange style also available (see Banjo Manifold fitting section for more information).

PART	DESCRIPTION	PRICE(B)
CV300	3" Full Port Check Valve	**46.50**

Valves

8-Bolt Full Port Poly Ball Valve
- Stainless steel bolts.
- 90 PSI @ 70ºF; 50 PSI @ 150ºF rating.
- Female NPT x Female NPT.

PART	DESCRIPTION	PRICE(B)
PBV400FP	4" Full Port	**349.25**

8-Bolt Valve Handle – Blue

PART	DESCRIPTION	PRICE(B)
62839	4" Valve Handle	**8.55**

Compact 4-Bolt 2" Full Port Poly Ball Valves
- 3 Styles available – Male NPT x Female NPT, Female NPT x Female NPT (*not shown*), and Male NPT x Male Camlock Coupler.
- Teflon® seats and EPDM O-rings.
- 125 PSI rated @ 70ºF.

PART	DESCRIPTION	PRICE(B)
PBV200FP-MF-C	2" FP MNPT x FNPT	**55.90**
PBV200FP-4-N	2" FP FNPT x FNPT	**55.90**
PBV200FP-MA-C	2" FP MNPT x M coupler	**55.90**

Replacement Valve Handles – Blue

PART	DESCRIPTION	PRICE(B)
61723	2" Valve Handle	**5.55**

2" 6-Bolt 90º Shut-off Full Port Valve Nozzle
- Teflon® seats and EPDM O-rings.
- 125 PSI rated @ 70ºF.

PART	DESCRIPTION	PRICE(B)
PBV200FPNZ	2" Full Port 90º Nozzle	**95.70**

Replacement Valve Handle – Blue

PART	DESCRIPTION	PRICE(B)
61726	2" Valve Handle	**8.55**

6-Bolt Full Port Poly Ball Valves
- Stainless steel bolts; self-aligning ball (diamond turned for precision).
- Viton O-Rings.
- Teflon® stem bushings and seats.
- 100 PSI @ 70ºF; 75 PSI @ 150ºF rating.
- Female NPT x Female NPT.

PART	DESCRIPTION	PRICE(B)
PBV200FP	2" Full Port	**68.75**
PBV300FP	3" Full Port	**165.10**

6-Bolt Valve Handles

PART	DESCRIPTION	PRICE
61724	2" Valve Handle – blue	**8.55 (B)**
V25153-GL	3" Valve Handle – green	**6.05 (C)**

¾" and 2" Poly 3-Way Valves
- Teflon® seats and EPDM O-rings.
- 125 PSI rated @ 70ºF.
- ¾" Valve is full port; 2" valve is standard port.

PART	DESCRIPTION	PRICE(B)
3WAY-3/4	¾" 3-Way Full Port Valve	**44.85**
3WAY-2	2" 3-Way Standard Port Valve	**63.50**

3-Way Valve Handles – Blue

PART	DESCRIPTION	PRICE(B)
61735	¾" Valve Handle	**3.90**
61736	2" Valve Handle	**10.25**

1" Single Union Ball Valve - 45º Nozzle Valve
- Teflon® seats and EPDM O-rings.
- 125 PSI rated @ 70ºF.

PART	DESCRIPTION	PRICE(B)
PBVSU100-45		**24.55**

Valve Replacement Parts

PART	DESCRIPTION	PRICE(B)
60446	1" Valve Handle - Blue	**4.10**

4- Bolt Poly Ball Valves
- Stainless steel bolts; self-aligning ball (diamond turned for precision).
- Viton O-Rings.
- Teflon® stem bushings and seats.
- 150 PSI @ 70ºF; 75 PSI @ 150ºF rating.
- Female NPT x Female NPT.

PART	DESCRIPTION	PRICE(B)
PBV050FP	½" Full Port	**33.25**
PBV075FP	¾" Full Port	**33.25**
PBV100FP	1" Full Port	**37.95**
PBV125FP	1 ¼" Full Port	**48.45**
PBV150FP	1 ½" Full Port	**48.45**
PBV200FP-4	2" Full Port – 4 Bolt	**61.60**
PBV200STD	2" Standard Port	**52.90**

4-Bolt Valve Handles – Blue

PART	DESCRIPTION	PRICE(B)
61721	½", ¾" Valve Handle	**3.00**
61722	1" Valve Handle	**3.35**
61723	2" Valve Handle	**5.55**

DON'T SEE WHAT YOU NEED?

MORE VALVES AVAILABLE IN THE BANJO SECTION OF OUR CATALOGUE.

Single Union Poly Ball Valves
- Teflon® seats and EPDM O-rings.
- 125 PSI rated @ 70ºF.
- Female NPT x Female NPT.

PART	DESCRIPTION	PRICE(B)
PBVSU050	½" Single Union Valve	**14.15**
PBVSU075	¾" Single Union Valve	**15.40**
PBVSU100	1" Single Union Valve	**19.65**
PBVSU125	1 ¼" Single Union Valve	**32.75**
PBVSU150	1 ½" Single Union Valve	**39.95**
PBVSU200	2" Single Union Valve	**51.20**
PBVSU300	3" Single Union Valve	**151.55**

Single Union Ball Valve Handles – Blue

PART	DESCRIPTION	PRICE(B)
60444	½" Valve Handle	**2.35**
60445	¾" Valve Handle	**3.00**
60446	1" Valve Handle	**4.10**
60447	1 ¼" Valve Handle	**4.35**
60448	1 ½" Valve Handle	**5.10**
60449	2" Valve Handle	**7.65**
60450	3" Valve Handle	**19.20**

Banjo Valves

Single Union

- 100 PSI maximum at 70°F.
- EPDM O-rings.
- PTFE seats for smooth operation.

PART	DESCRIPTION	PRICE (C)
UV050FP	½" Single Union	**20.70**
UV075FP	¾" Single Union	**20.70**
UV100FP	1" Single Union	**25.90**
UV125FP	1¼" Single Union	**44.40**
UV150FP	1½" Single Union	**44.15**
UV200FP	2" Single Union	**56.00**

4 Bolt Full Port

- FKM (viton type seals).
- Self aligning ball.
- Ball is diamond turned for precise fit.
- Maximum 150 PSI at 70°F.
- Maximum 75 PSI at 150°F.
- Stainless steel bolts.

PART	DESCRIPTION	PRICE (C)
VFMT204FP	2" MPT x Male Cam-Lock	**87.35**
V204FP	2" FPT Full Port	**78.15**

Poly Dispensing Nozzle

- Glass filled polypropylene.
- Stainless steel handle.
- Padlock capability.
- 75 PSI maximum.

PART	DESCRIPTION	PRICE (C)
VN100	1" Poly Nozzle	**75.20**

6 Bolt Valves

- Stainless steel bolts.
- FKM (viton type) seals.
- 100% PTFE ball seats.

PART	DESCRIPTION	PRICE (C)
V200FP	2" Full Port	**82.45**
V300	3" Standard Port	**132.65**
V300FP	3" Full Port	**196.95**
V400	4" Standard Port	**430.40**

4 Bolt Valves

- Self aligning ball.
- Diamond turned ball.
- Stainless steel bolts.

PART	DESCRIPTION	PRICE (C)
V050	½" Full Port	**41.30**
V075-BJ	¾" Full Port	**41.30**
V100SP	1" Standard Port	**41.30**
V100FP	1" Full Port	**45.55**
V125	1¼" Standard Port	**45.55**
V125FP	1¼" Full Port	**58.55**
V150	1½" Full Port	**58.55**
V200	2" Standard Port	**58.55**

Nozzle Valves

PART	DESCRIPTION	PRICE (C)
VA150	1½" Nozzle Valve 90 Degree	**70.45**
VA200	2" Nozzle Valve 90 Degree	**70.45**
VA200/150	2" x 1½" Nozzle Valve 90 Degree	**70.45**
VA200FP	2" Full Port Nozzle Valve	**105.40**

Banjo Stubby Valves

Banjo 2" Full Port "Stubby" Ball Valves

- Stainless Steel bolts
- 100% PTFE ball seats
- Glass-filled polyethylene body construction
- FKM (Viton-type) body seals
- Unique, lightweight design
- 100 PSI @ 70ºF and 75 PSI @ 150ºF

PART	DESCRIPTION	PRICE (C)
VSF204FP	2" Male Adapter x 2" FNPT	**77.80**

PART	DESCRIPTION	PRICE (C)
VSFMT204FP	2" Male Adapter x 2" MNPT	**77.80**

PART	DESCRIPTION	PRICE (C)
VSFMT204HSFP	2" Male Adapter x 2" MNPT w/ SS Ball, Stem, & Handle	**204.20**

Banjo 2" and 3" "Stubby" Manifold Ball Valves

- Stainless Steel bolts
- Multiple design options
- Glass-filled polyethylene body construction
- FKM (Viton-type) body seals
- Unique, lightweight design
- 100 PSI @ 70ºF and 75 PSI @ 150ºF

PART	DESCRIPTION	PRICE (C)
VSMT200CF	2" Flange x 2" Male NPT	**62.55**

PART	DESCRIPTION	PRICE (C)
VSF200CF	2" Flange x 2" Male Adapter	**64.45**

PART	DESCRIPTION	PRICE (C)
MVS220FP	2" Full Port Flange x 2" Female NPT	**77.80**

PART	DESCRIPTION	PRICE (C)
MVSF220FP	2" Full Port Flange x 2" Male Adapter	**77.80**

PART	DESCRIPTION	PRICE (C)
MVS220CF	2" Full Port Flange x 2" Full Port Flange	**77.80**

PART	DESCRIPTION	PRICE (C)
MVSMT220FP	2" Full Port Flange x 2" Male NPT	**77.80**

PART	DESCRIPTION	PRICE (C)
MVSF300	3" Flange x 3" Male Adapter	**159.00**

PART	DESCRIPTION	PRICE (C)
MVSMT300	3" Flange x 3" Male NPT	**165.55**

PART	DESCRIPTION	PRICE (C)
MVS300CF	3" Flange x 3" Flange	**159.00**
MVS300CFFP	3" Full Port Flange x 3" Full Port Flange (shown)	**194.45**

GREEN LEAF

NPT Female x Adapter

PART	SIZE	PRICE (C)
A12	1/2"	4.10
A34	3/4"	4.20
A1	1"	4.25
A114	1 1/4"	6.50
A112	1 1/2"	4.95
A2	2"	5.40
A3	3"	13.60
A4	4"	22.85

NPT Male x Coupler

PART	SIZE	PRICE (C)
B12	1/2"	9.50
B34	3/4"	8.95
B1	1"	10.50
B114	1 1/4"	17.35
B112	1 1/2"	13.10
B2	2"	15.90
B3	3"	25.20
B4	4"	57.35

Hose Insert x Coupler

PART	SIZE	PRICE (C)
C12	1/2"	8.95
C34	3/4"	8.95
C1	1"	10.50
C114	1 1/4"	17.35
C112	1 1/2"	12.90
C2	2"	15.90
C3	3"	28.25
C4	4"	57.35

NPT Female x Coupler

PART	SIZE	PRICE (C)
D12	1/2"	10.45
D34	3/4"	10.45
D1	1"	12.20
D114	1 1/4"	17.35
D112	1 1/2"	14.50
D2	2"	15.95
D3	3"	24.70
D4	4"	57.35

Hose Insert x Adapter

PART	SIZE	PRICE (C)
E12	1/2"	3.95
E34	3/4"	3.95
E1	1"	3.95
E114	1 1/4"	6.85
E112	1 1/2"	4.45
E2	2"	5.20
E3	3"	15.15
E4	4"	22.90

NPT Male x Adapter

PART	SIZE	PRICE (C)
F12	1/2"	3.95
F34	3/4"	3.95
F1	1"	3.95
F114	1 1/4"	6.85
F112	1 1/2"	4.45
F2	2"	5.10
F3	3"	14.60
F4	4"	22.90

Dust Caps

PART	SIZE	PRICE (C)
DC34	1/2", 3/4"	9.20
DC1	1"	10.50
DC112	1 1/4", 1 1/2"	12.90
DC2	2"	15.95
DC3	3"	26.25
DC4	4"	41.85

Dust Plugs

PART	SIZE	PRICE (C)
DP34	1/2", 3/4"	3.95
DP1	1"	3.95
DP112	1 1/4", 1 1/2"	4.45
DP2	2"	5.35
DP3	3"	13.05
DP4	4"	18.00

90° Elbow NPT Female x Adapter

PART	SIZE	PRICE (C)
A112-90	1 1/2"	8.90
A2-90	2"	9.35

90° Elbow Hose Insert x Coupler

PART	SIZE	PRICE (C)
C112-90	1 1/2"	18.75
C2-90	2"	22.20

90° Elbow NPT Female x Coupler

PART	SIZE	PRICE (C)
D112-90	1 1/2"	18.75
D2-90	2"	22.20

90° Elbow NPT Male x Adapter

PART	SIZE	PRICE (C)
F112-90	1 1/2"	10.25
F2-90	2"	10.60

EPDM Gaskets

PART	SIZE	PRICE (C)
G34	Fits 1/2" x 3/4"	.50
G1	Fits 1"	.55
G114/112	Fits 1 1/4" and 1 1/2"	.70
G2	Fits 2"	.85
G3	Fits 3"	1.65
G4	Fits 4"	4.10

Note: All poly cam-lock fittings are rated 125 PSI max. and 140°F max.

Poly Swivels MNPT x FNPT

PART	SIZE	PRICE (C)
SW100	1" x 1"	16.65
SW150	1 1/2" x 1 1/2"	20.35
SW200	2" x 2"	22.80

Dry Poppet Couplers

- 30 GPM maximum flow
- Lightweight, easy-to-use design
- Reduces risk of exposure to fluid
- Wide range of chemical resistance
- Precision molded polypropylene
- Maximum operating pressure: 70 PSI @ 21°C (70°F).
- Maximum operating temperature of 66°C (150°F)
- 1" Female NPT threads with FKM (Viton-type) Seals

Male and Female Assembled

PART	DESCRIPTION	PRICE (C)
POPPET-F	Female Dry Poppet Coupler, 1" FNPT, FKM Seals	87.65
POPPET-M	Male Dry Poppet Coupler, 1" FNPT, FKM Seals	69.45

Aluminum and Stainless Steel Cam-Lock Fittings

NPT Female x Adapter - Aluminum

PART	SIZE	PRICE (E)
A34AL	3/4"	4.05
A1AL	1"	4.25
A114AL	1 1/4"	5.50
A112AL	1 1/2"	5.25
A2AL	2"	5.95
A3AL	3"	10.60
A4AL	4"	17.75

Stainless Steel

PART	SIZE	PRICE (E)
A34SS	3/4"	11.05
A1SS	1"	14.35
A114SS	1 1/4"	20.15
A112SS	1 1/2"	23.70
A2SS	2"	28.65
A3SS	3"	56.00
A4SS	4"	94.45

NPT Male x Adapter - Aluminum

PART	SIZE	PRICE (E)
B34AL	3/4"	9.15
B1AL	1"	10.35
B114AL	1 1/4"	12.90
B112AL	1 1/2"	12.90
B2AL	2"	13.60
B3AL	3"	22.85
B4AL	4"	33.05

Stainless Steel

PART	SIZE	PRICE (E)
B34SS	3/4"	19.45
B1SS	1"	24.80
B114SS	1 1/4"	36.10
B112SS	1 1/2"	37.65
B2SS	2"	44.20
B3SS	3"	81.85
B4SS	4"	115.45

Hose Insert x Coupler - Aluminum

PART	SIZE	PRICE (E)
C34AL	3/4"	7.45
C1AL	1"	8.50
C114AL	1 1/4"	12.15
C112AL	1 1/2"	12.05
C2AL	2"	14.10
C3AL	3"	23.80
C4AL	4"	31.60

Stainless Steel

PART	SIZE	PRICE (E)
C34SS	3/4"	18.45
C1SS	1"	23.70
C114SS	1 1/4"	35.85
C112SS	1 1/2"	36.80
C2SS	2"	51.35
C3SS	3"	99.45
C4SS	4"	133.40

NPT Female x Coupler - Aluminum

PART	SIZE	PRICE (E)
D34AL	3/4"	9.25
D1AL	1"	10.00
D114AL	1 1/4"	13.25
D112AL	1 1/2"	12.40
D2AL	2"	13.50
D3AL	3"	22.95
D4AL	4"	34.25

Stainless Steel

PART	SIZE	PRICE (E)
D34SS	3/4"	20.80
D1SS-QC	1"	26.60
D114SS	1 1/4"	38.15
D112SS	1 1/2"	40.55
D200SS	2"	51.00
D300SS	3"	92.15
D400SS	4"	130.65

Hose Insert x Adapter - Aluminum

PART	SIZE	PRICE (E)
E34AL	3/4"	4.25
E1AL	1"	4.90
E114AL	1 1/4"	6.45
E112AL	1 1/2"	6.10
E2AL	2"	7.65
E3AL	3"	15.30
E4AL	4"	25.40

Stainless Steel

PART	SIZE	PRICE (E)
E34SS	3/4"	10.10
E1SS	1"	16.15
E114SS	1 1/4"	23.10
E112SS	1 1/2"	29.15
E2SS	2"	41.40
E3SS	3"	80.00
E4SS	4"	124.10

NPT Male x Adapter - Aluminum

PART	SIZE	PRICE (E)
F34AL	3/4"	5.10
F1AL	1"	5.60
F114AL	1 1/4"	7.55
F112AL	1 1/2"	6.60
F2AL	2"	7.90
F3AL	3"	15.20
F4AL	4"	24.80

Stainless Steel

PART	SIZE	PRICE (E)
F34SS	3/4"	14.10
F1SS	1"	17.75
F114SS	1 1/4"	29.30
F112SS	1 1/2"	32.70
F2SS	2"	41.15
F3SS	3"	74.55
F4SS	4"	132.55

Dust Caps - Aluminum

PART	SIZE	PRICE (E)
DC34AL	3/4"	7.90
DC1AL	1"	10.50
DC114AL	1 1/4"	12.05
DC112AL	1 1/2"	10.85
DC2AL	2"	12.15
DC3AL	3"	19.45
DC4AL	4"	27.80

Stainless Steel

PART	SIZE	PRICE (E)
DC34SS	3/4"	16.65
DC1SS	1"	21.25
DC114SS	1 1/4"	30.85
DC112SS	1 1/2"	30.85
DC2SS	2"	39.35
DC3SS	3"	67.15
DC4SS	4"	92.40

Dust Plugs - Aluminum

PART	SIZE	PRICE (E)
DP34AL	3/4"	3.40
DP1AL	1"	4.15
DP114AL	1 1/4"	5.00
DP112AL	1 1/2"	4.40
DP2AL	2"	5.75
DP3AL	3"	9.35
DP4AL	4"	15.55

Stainless Steel

PART	SIZE	PRICE (E)
DP34SS	3/4"	7.30
DP1SS	1"	10.10
DP114SS	1 1/4"	18.00
DP112SS	1 1/2"	17.75
DP2SS	2"	27.70
DP3SS	3"	47.85
DP4SS	4"	83.90

Note: All 3/4" to 2" aluminum coupler cam-lock fittings are rated 250 PSI max.

Banjo Cam-Lock

• FPT x Adapter.

PART	DESCRIPTION	PRICE (C)
75A3/4	¾"	**5.45**
100A	1"	**5.45**
125A	1¼"	**5.45**
150125A	1¼" FPT x 1½" Adapter	**6.20**
150A	1½"	**6.20**
200A	2"	**7.30**
300A	3"	**17.60**
400A	4"	**26.85**

• MPT Male x Coupler.

PART	DESCRIPTION	PRICE (C)
75B3/4	¾"	**12.45**
100B	1"	**14.30**
125B	1¼"	**14.30**
150125B	1¼" MPT x 1½" Coupler	**16.75**
150B	1½"	**16.75**
200B	2"	**20.40**
300B	3"	**34.25**
400B	4"	**67.90**

• Hose x Coupler.

PART	DESCRIPTION	PRICE (C)
050C	½"	**12.45**
075C	¾"	**12.45**
100C	1"	**14.30**
125C	1¼"	**14.30**
150125C	1¼" Hose x 1½" Coupler	**16.75**
150C	1½"	**16.75**
200C	2"	**20.40**
300C	3"	**34.25**
400C	4"	**67.90**

• FPT x Coupler.

PART	DESCRIPTION	PRICE (C)
050D	½"	**12.45**
075D	¾"	**12.45**
100D	1"	**14.30**
125D	1¼"	**14.30**
150125D	1¼" FPT x 1½" Coupler	**16.75**
150D	1½"	**16.75**
200D	2"	**20.40**
300D	3"	**34.25**
400D	4"	**67.90**

• Hose x Adapter.

PART	DESCRIPTION	PRICE (C)
050E	½"	**5.90**
075E	¾"	**5.90**
100E	1"	**6.55**
125E	1¼"	**6.55**
150125E	1¼" Hose x 1½" Adapter	**6.55**
150E	1½"	**6.55**
200E	2"	**8.60**
300E	3"	**22.55**
400E	4"	**26.85**

• MPT x Adapter.

PART	DESCRIPTION	PRICE (C)
050F	½"	**5.90**
075F	¾"	**5.90**
100F	1"	**6.55**
125F	1¼"	**6.55**
150125F	1¼" MPT x 1½" Adapter	**6.55**
150F	1½"	**6.55**
200F	2"	**8.60**
300F	3"	**22.55**
400F	4"	**26.85**

• Plug.

PART	DESCRIPTION	PRICE (C)
075PL	¾"	**5.90**
100125PL	1" and 1¼" Couplers	**5.70**
150PL	1½"	**6.35**
200PL	2"	**8.55**
300PL	3"	**17.90**
400PLUG	4"	**21.10**

• Cap.

PART	DESCRIPTION	PRICE (C)
075CAP	¾"	**12.45**
100125CAP	1"	**13.75**
150CAP	1½"	**16.75**
200CAP	2"	**20.40**
300CAP	3"	**34.25**
400CAP	4"	**49.50**

• 90° Part A.

PART	DESCRIPTION	PRICE (C)
150A-90	1½"	**9.75**
200A-90	2"	**11.15**

• 90° Part C.

PART	DESCRIPTION	PRICE (C)
150C-90	1½"	**20.05**
200C-90	2"	**24.90**

• 90° Part D.

PART	DESCRIPTION	PRICE (C)
150D-90	1½"	**20.05**
200D-90	2"	**24.90**

• 90° Part F.

PART	DESCRIPTION	PRICE (C)
200F-90	2" 90°	**12.55**

PART	DESCRIPTION	PRICE (C)
M303D	3" Full Flange x 3" Female Coupler	**43.95**

PART	DESCRIPTION	PRICE (C)
303B200A	3" Coupler x 2" Adapter	**61.20**

PART	DESCRIPTION	PRICE (C)
300F200F	3" Adapter x 2" Adapter	**44.85**

PART	DESCRIPTION	PRICE (C)
300FF	3" Adapter x 3" Adapter	**44.85**

Banjo Camlock/Manifold/Sweep Fittings

PART	DESCRIPTION	PRICE (C)
220FSWP90	2" Male Adapter w/ 90° Sweep x 2" MNPT	**45.80**

PART	DESCRIPTION	PRICE (C)
200B90	2" 90° Female Coupler x 2" MNPT	**24.90**

PART	DESCRIPTION	PRICE (C)
201B	2" Female Coupler x 2" Extended MNPT	**20.40**

PART	DESCRIPTION	PRICE (C)
303B	3" Female Coupler x 3" Extended MNPT	**43.95**

Sweeps

- Direct replacement for standard 90° flanged coupler
- Design allows for improved flow and maximum gallons per minute

M100SWP90

M100BRBSWP90

M100125BRBSWP90

M100SWPG90

M100BRBSWPG90

M220ASWP90

M220BRBSWP90

M220MPTSWP90

M220SWP90

M300ASWP90

M300ASWPG90

M300BRBSWP90

M300MPTSWP90

M300MPTSWPG90

M300SWP90

M300SWPG90

PART	DESCRIPTION	PRICE (C)
M100BRBSWP90	1" Flange x Hose Shank Sweep	**14.20**
M100BRBSWPG90	1" FP Flange x 1" Hose Sweep w/ ¼" gauge port	**16.25**
M100125BRBSWP90	1" Flange x 1¼" Hose Shank Sweep	**16.05**
M100SWP90	1" Flange x 1" Flange Sweep	**13.05**
M100SWPG90	1" Flange x 1" Flange Sweep w/ ¼" gauge port	**16.25**
M220ASWP90	2" Full Port Flange x Male Adapter Sweep	**15.05**
M220BRBSWP90	2" Full Port Flange x Hose Shank Sweep	**35.50**
M220MPTSWP90	2" Full Port Flange x 2" Male NPT Sweep	**15.05**

PART	DESCRIPTION	PRICE (C)
M220SWP90	2" Flange x 2" Flange Sweep	**15.05**
M300ASWP90	3" Flange x Male Adapter Sweep	**68.95**
M300ASWPG90	3" Flange x Male Adapter Sweep w/ ¼" gauge port	**68.95**
M300BRBSWP90	3" Flange x Hose Shank Sweep	**68.95**
M300MPTSWP90	3" Flange x 3" Male NPT Sweep	**68.95**
M300MPTSWPG90	3" Flange x 3" Male NPT Sweep w/ ¼" gauge port	**68.95**
M300SWP90	3" Full Port Flange x 3" Full Port Flange Sweep	**68.95**
M300SWPG90	3" Flange x 3" Flange Sweep w/ ¼" gauge port	**68.95**

Manifold Fittings

Features

- Positive Seals
- Quick & Easy Assembly
- Easy On/Off Hose Connections
- 360˚ Orientation
- 1" & 2" fittings pressure to 150 P.S.I. at 70 Degree
- 3" fittings pressure to 125 P.S.I. at 70 Degree

Flanged Couplings

PART	DESCRIPTION	PRICE (C)
M100CPG	1" x 1" Flange Coupling	5.10
M200CPG	2" x 2" Standard Port Flange Coupling	13.35
M220CPG	2" x 2" Full Port Flange Coupling	15.00
M300CPG	3" x 3" Full Port Flange Coupler	17.70

90˚ Flanged Couplings

PART	DESCRIPTION	PRICE (C)
M100CPG90	1" x 1" 90˚	7.10
M200CPG90	2" x 2" 90˚	11.85
M200CPG90SH	2" x 2" Full Standard Port 90˚ Short	11.85
M220CPG90	2" x 2" Full Port Flange 90˚	11.85
M300CPG90	3" Flange x 3" Flange 90 Degree	56.25

45˚ Flanged Couplings

PART	DESCRIPTION	PRICE (C)
M100CPG45	1" x 1" 45° Degree	10.55
M200CPG45	2" x 2" Standard Port 45°	13.70
M220CPG45	2" x 2" Full Port Flange 45°	16.45
M300CPG45	3" x 3" Flange 45°	67.30

Flanged Reducer Couplings

PART	DESCRIPTION	PRICE (C)
M200100CPG	2" x 1" Flange Reducing Coupling	15.20
M220100CPG	2" Full Port x 1" Reducing Flange	15.20
M220200CPG	2" Full Port x 2" Reducing Flange	15.20
M300200CPG	3" x 2" Reducing Flange	35.35
M300220CPG	3" x 2" Full Port Reducing Flange	35.35

Flanged Tee

PART	DESCRIPTION	PRICE (C)
M100TEE	1" Flanged Tee	6.55
M200100TEE	2" x 1" Flanged Tee	13.15
M200TEE	2" Flanged Tee	13.70
M200100TEEB	2" x 1" Standard Port w/Bracket	19.20
M220100TEE	2" Full Port x 2" x 1" Flanged Tee	13.90
M220TEE	2" Full Port Flanged Tee	13.70
M300TEE	3" Flanged Tee	64.55

Flanged 3" Full Port Check Valve

- 150 PSI Maximum; 1 – 2 PSI spring
- 316 Stainless Steel spring; EPDM gasket
- One piece glass-reinforced Polypropylene construction

PART	DESCRIPTION	PRICE (C)
MCV300	3" Full Port Flanged Poly Check Valve	44.25

Flanged Y Couplings

PART	DESCRIPTION	PRICE (C)
M220Y45	2" FP X 2" FP x 2" FP Flanged 45°	66.65
M220YG45	2" FP X 2" FP x 2" FP Flanged 45° with 1/4" gauge port	72.25

Flange X Female NPT Thread

PART	DESCRIPTION	PRICE (C)
M100050FPT	1" Flange x 1/2" FPT Adapter	2.20
M100075FPT	1" Flange x 3/4" FPT Adapter	2.20
M100FPT	1" Flange x 1" FPT Adapter	2.20
M220FPT	2" Full Port x 2" FPT Adapter	23.05
M200FPT	2" Flange x 2" FPT	13.00
M300FPT	3" Flange x 3" FPT Adapter	37.10

Flange X NPT Thread Poly

PART	DESCRIPTION	PRICE (C)
M100075MPT	1" Flange x 3/4" MPT	2.20
M100MPT	1" Flange x 1" MPT	2.20
M100125MPT	1" Flange x 1 1/4" MPT	2.20
M200125MPT	2" Flange x 1 1/4" MPT	4.50
M200150MPT	2" Flange x 1 1/2" MPT	4.50
M200MPT	2" Flange x 2" MPT	4.50
M220MPT	2" Flange x 2" MPT Thread	4.50
M300MPT	3" Flange x 3" MPT	13.70

Flange Plugs (solid & w/gauge port)

PART	DESCRIPTION	PRICE (C)
M100PLG	1" Flange Plug	2.20
M200PLG	2" Flange Plug	4.50
M220PLG	2" Full Port Flange Plug	5.70
M300PLG	3" Flange Plug	15.20
M100PLG025	1" Flange x 1/4" FPT	11.55
M200PLG025	2" Std Port Flange Plug x 1/4" FPT	13.60
M200PLG038	2" Std Port Flange Plug x 3/8" FPT	13.60
M200PLG050	2" Flange Plug x 1/2" FPT	13.60
M220PLG075	2" Full Port Flange Plug x 3/4" FPT	22.75
M200PLG100	2" Flange Plug x 1" FPT	13.60
M220PLG075	2" Full Port Flange Plug x 3/4" FPT	22.75
M300PLG075	3" Flange Plug x 3/4" FPT	24.55
M300PLG100	3" Flange Plug x 1" FPT	25.30

Manifold Fittings

Flanged Cross

PART	DESCRIPTION	PRICE (C)
M100CR	1" Flanged Cross	19.10
M200CR	2" Flanged Cross	34.25
M220CR	2" Full Port Flanged Cross	34.25
M300CR	3" Full Port Flanged Cross	75.75

Flange X Male QDC

PART	DESCRIPTION	PRICE (C)
M100A	1" Flange x 1" Male Camlock	6.20
M200A	2" Standard Port Flange x 2" Male Camlock	8.25
M220A	2" Full Port Flange x 2" Male Camlock	9.10
M300A	3" Flange x 3" Male Camlock	19.35

Flange X Hose Barb

PART	DESCRIPTION	PRICE (C)
M100075BRB	1" Flange x 3/4" Hose Barb	1.90
M100BRB	1" Flange x 1" Hose Barb	1.90
M100125BRB	1" Flange x 1 1/4" Hose Barb	1.90
M200100BRB	2" Flange x 1" Hose Barb	5.10
M200125BRB	2" Flange x 1 1/4" Hose Barb	5.80
M200150BRB	2" Flange x 1 1/2" Hose Barb	5.10
M200BRB	2" Flange x 2" Hose Barb	5.10
M220150BRB	2" Full Port Flange x 1 1/2" Hose Barb	5.10
M220BRB	2" Full Port Flange x 2" Hose Barb	5.10
M300220BRB	3" Flange x 2" Hose Barb	15.60
M300BRB	3" Flange x 3" Hose Barb	15.60

Flange X Hose Barb With 90˚ Elbow

PART	DESCRIPTION	PRICE (C)
M100075BRB90	1" Flange x 3/4" Barb 90°	2.30
M100BRB90	1" Flange x 1" Barb 90°	2.30
M100125BRB90	1" Flange x 1 1/4" Barb 90°	2.30
M200100BRB90	2" Flange x 1" Barb 90°	9.40
M200125BRB90	2" Flange x 1 1/4" Barb 90°	9.40
M200150BRB90	2" Flange x 1 1/2" Barb 90°	9.40
M200BRB90	2" Flange x 2" Barb 90°	9.40
M220150BRB90	2" Full Port Flange x 1 1/2" Barb 90°	9.40
M220BRB90	2" Full Port Flange x 2" Barb 90°	9.40
M300220BRB90	3" Flange x 2" Barb 90°	15.50
M300BRB90	3" Flange x 3" Barb 90°	41.45

Flange X Male NPT Thread - 316 SS

PART	DESCRIPTION	PRICE (C)
M100MPTSS	1" Flange x 1" MPT	24.30
M200125MPTSS	2" Standard Port Flange x 1 1/4" MPT	38.00
M200150MPTSS	2" Standard Port Flange x 1 1/2" MPT	38.00
M200MPTSS	2" Standard Port Flange x 2" MPT	48.10
M220150MPTSS	2" Full Port Flange x 1 1/2" MPT	55.20
M220MPTSS	2" Full Port Flange x 2" MPT	55.20
M300MPTSS	3" Flange x 3" MPT	101.85

Flange X Socket Weld - 316 SS

PART	DESCRIPTION	PRICE (C)
M100SWFSS	1" Flange x 1" Socket Weld	24.30
M200SWFSS	2" Std Port Flange x 2" Socket Weld	76.35
M220SWFSS	2" Full Port Flange x 2" Socket Weld	72.90
M300SWFSS	3" Flange x 3" Socket Weld	121.45

Flange Clamps & Gaskets

PART	DESCRIPTION	PRICE (C)
FC100	100 Series Worm Gear Clamp	10.30
FC200	200 Series Std Port Worm Gear Clamp	11.90
FC220	220 Series Full Port Worm Gear Clamp	13.05
FC300	300 Series Worm Gear Clamp	17.95
M100G	1" Flange Gasket EPDM	2.20
M100GV	1" Flange Gasket Viton	5.75
150G	200 Series Std Port EPDM Gasket	1.10
150GV	200 Series Std Port Viton Gasket	11.90
200G	Order: G2	.85
200GV	220 Series Full Port Gasket Viton	20.25
300G	Order: G3	1.65
300GV	300 Series Viton Gasket	25.30

Flange Gaskets

PART	DESCRIPTION	PRICE (C)
M101G	1" Flange Gasket EPDM W/RIB	1.80
M100GV	1" Flange Gasket VITON	5.75
M201G	2" Flange Gasket W/RIB	1.95
150GV	200 Series Gasket VITON	11.90
M221G	2" Flange Gasket 220 Series W/RIB	2.10
200GV	2" Flange Gasket 220 Series VITON	20.25
M301G	3" Flange Gasket W/RIB	2.25
300GV	3" Flange Gasket VITON	25.30

U Bolts

PART	DESCRIPTION	PRICE (C)
UB100	100 Series Mounting “U” Bolt SS	8.00
UB202	200 Series Mounting “U” Bolt SS	25.00
UB220	220 Series Mounting “U” Bolt SS	26.40

Banjo Pipe Fittings

Features:

- Glass Reinforced Polypropylene.
- Heavy duty (Schedule 80).
- Lightweight with excellent strength.
- NPT threads.
- Excellent chemical resistance.
- Pressure to 150 PSI at 70ºF.

Pipe Nipple

Poly Nipples

PART	DESCRIPTION	PRICE (C)
NIP025-SH	Poly Nipple 1/4" Short	1.25
NIP038-SH	Poly Nipple 3/8" Short	1.25
NIP050-SH	Poly Nipple 1/2" Short	1.40
NIP050-3	Poly Nipple 1/2" x 3"	2.65
NIP075-SH	Poly Nipple 3/4" Short	1.45
NIP075-4	Poly Nipple 3/4" x 4"	2.75
NIP075-6	Poly Nipple 3/4" x 6"	3.25
NIP100-SH	Poly Nipple 1" Short	2.05
NIP100-4	Poly Nipple 1" x 4"	2.95
NIP100-6	Poly Nipple 1" x 6"	3.65
NIP125-SH	Poly Nipple 1 1/4" Short	2.05
NIP125-4	Poly Nipple 1 1/4" x 4"	3.65
NIP125-6	Poly Nipple 1 1/4" x 6"	4.15
NIP150-SH	Poly Nipple 1 1/2" Short	3.80
NIP150-3	Poly Nipple 1 1/2" x 3"	4.65
NIP150-4	Poly Nipple 1 1/2" x 4"	7.75
NIP150-5	Poly Nipple 1 1/2" x 5"	8.65
NIP150-6	Poly Nipple 1 1/2" x 6"	9.10
NIP200-SH	Poly Nipple 2" Short	4.30
NIP200-4	Poly Nipple 2" x 4"	9.00
NIP200-6	Poly Nipple 2" x 6"	10.50
NIP300-SH	Poly Nipple 3" Short	13.35
NIP300-4	Poly Nipple 3" x 4"	20.05
NIP300-6	Poly Nipple 3" x 6"	25.85
NIP400-SH	Poly Nipple 4" Short	20.80

Reducing Nipple

Poly Reducing Nipples

PART	DESCRIPTION	PRICE (C)
RN050-038	Poly Reducer Nipple 1/2" x 3/8"	2.10
RN075-050	Poly Reducer Nipple 3/4" x 1/2"	2.25
RN100-050	Poly Reducer Nipple 1" x 1/2"	2.90
RN100-075	Poly Reducer Nipple 1" x 3/4"	2.65
RN125-075	Poly Reducer Nipple 1 1/4" x 3/4"	3.05
RN125-100	Poly Reducer Nipple 1 1/4" x 1"	2.75
RN150-100	Poly Reducer Nipple 1 1/2" x 1"	3.25
RN150-125	Poly Reducer Nipple 1 1/2" x 1 1/4"	2.95
RN200-125	Poly Reducer Nipple 2" x 1 1/4"	4.00
RN200-150	Poly Reducer Nipple 2" x 1 1/2"	3.25
RN300-200	Poly Reducer Nipple 3" x 2"	13.30

Pipe Coupling

Poly Pipe Couplings

PART	DESCRIPTION	PRICE (C)
CPLG050	Poly Threaded Pipe Coupler 1/2"	4.20
CPLG075	Poly Threaded Pipe Coupler 3/4"	4.20
CPLG100	Poly Threaded Pipe Coupler 1"	4.80
CPLG125	Poly Threaded Pipe Coupler 1 1/4"	6.45
CPLG150	Poly Threaded Pipe Coupler 1 1/2"	10.70
CPLG200	Poly Threaded Pipe Coupler 2"	12.20
CPLG300	Poly Threaded Pipe Coupler 3"	34.50

Pipe Cap

Poly Pipe Caps

PART	DESCRIPTION	PRICE (C)
CAP050	Poly Threaded Cap 1/2"	5.65
CAP075	Poly Threaded Cap 3/4"	5.65
CAP100	Poly Threaded Cap 1"	5.65
CAP125	Poly Threaded Cap 1 1/4"	6.35
CAP150	Poly Threaded Cap 1 1/2"	8.00
CAP200	Poly Threaded Cap 2"	9.25
CAP300	Poly Threaded Cap 3"	33.05

Reducing Coupling

Poly Reducing Couplings

PART	DESCRIPTION	PRICE (C)
RC100-075	Poly Reducer Coupling 1" x 3/4"	6.25
RC150-100	Poly Reducer Coupling 1 1/2" x 1"	10.55
RC150-125	Poly Reducer Coupling 1 1/2" x 1 1/4"	10.55
RC200-050	Poly Reducer Coupling 2" x 1/2"	11.20
RC200-100	Poly Reducer Coupling 2" x 1"	11.20
RC200-125	Poly Reducer Coupling 2" x 1 1/4"	11.20
RC200-150	Poly Reducer Nipple 2" x 1 1/2"	11.20
RC300-200	Poly Reducer Nipple 3" x 2"	39.75

Pipe Plug

Poly Pipe Plugs

PART	DESCRIPTION	PRICE (C)
PLUG050	Poly Pipe Plug 1/2"	2.95
PLUG075	Poly Pipe Plug 3/4"	2.95
PLUG100	Poly Pipe Plug 1"	2.95
PLUG125	Poly Pipe Plug 1 1/4"	2.95
PLUG150	Poly Pipe Plug 1 1/2"	4.65
PLUG200	Poly Pipe Plug 2"	4.65
PLUG300	Poly Pipe Plug 3"	18.30

Banjo Pipe Fittings

Reducer Bushing

Poly Reducing Bushing

PART	DESCRIPTION	PRICE (C)
RB038-025	Poly Reducer Bushing 3/8" x 1/4"	2.75
RB050-025	Poly Reducer Bushing 1/2" x 1/4"	2.75
RB050-038	Poly Reducer Bushing 1/2" x 3/8"	2.75
RB075-018	Poly Reducer Bushing 3/4" x 1/8"	2.75
RB075-025	Poly Reducer Bushing 3/4" x 1/4"	2.75
RB075-038	Poly Reducer Bushing 3/4" x 3/8"	2.75
RB075-050	Poly Reducer Bushing 3/4" x 1/2"	2.75
RB100-018	Poly Reducer Bushing 1" x 1/8"	2.90
RB100-025	Poly Reducer Bushing 1" x 1/4"	2.90
RB100-050	Poly Reducer Bushing 1" x 1/2"	2.90
RB100-075	Poly Reducer Bushing 1" x 3/4"	2.90
RB125-038	Poly Reducer Bushing 1 1/4" x 3/8"	2.90
RB125-075	Poly Reducer Bushing 1 1/4" x 3/4"	2.90
RB125-100	Poly Reducer Bushing 1 1/4" x 1"	2.90
RB150-075	Poly Reducer Bushing 1 1/2" x 3/4"	3.85
RB150-100	Poly Reducer Bushing 1 1/2" x 1"	3.85
RB150-125	Poly Reducer Bushing 1 1/2" x 1 1/4"	3.85
RB200-075	Poly Reducer Bushing 2" x 3/4"	4.20
RB200-100	Poly Reducer Bushing 2" x 1"	4.20
RB200-125	Poly Reducer Bushing 2" x 1 1/4"	4.20
RB200-150	Poly Reducer Bushing 2" x 1 1/2"	4.20
RB300-150	Poly Reducer Bushing 3" x 1 1/2"	17.45
RB300-200	Poly Reducer Bushing 3" x 2"	17.45
RB400-300	Poly Reducer Bushing 4" x 3"	27.05

Pipe Elbow 90º

Poly Elbows 90º

PART	DESCRIPTION	PRICE (C)
EL038-90	Poly Pipe Elbow 3/8"	4.10
EL050-90	Poly Pipe Elbow 1/2"	3.70
EL075-90	Poly Pipe Elbow 3/4"	4.00
EL100-90	Poly Pipe Elbow 1"	4.70
EL125-90	Poly Pipe Elbow 1 1/4"	5.85
EL150-90	Poly Pipe Elbow 1 1/2"	9.20
EL200-90	Poly Pipe Elbow 2"	10.90
EL300-90	Poly Pipe Elbow 3"	55.40

Street Elbow 90º

Poly Street Elbows 90º

PART	DESCRIPTION	PRICE (C)
SL038-90	Poly Street Elbow 3/8"	3.85
SL050-90	Poly Street Elbow 1/2"	3.85
SL075-90	Poly Street Elbow 3/4"	4.15
SL100-90	Poly Street Elbow 1"	4.90
SL125-90	Poly Street Elbow 1 1/4"	6.10
SL150-90	Poly Street Elbow 1 1/2"	9.50
SL200-90	Poly Street Elbow 2"	11.25
SL300-90	Poly Street Elbow 3"	57.15

Cross

Poly Crosses

PART	DESCRIPTION	PRICE (C)
CR050	Poly Cross 1/2"	18.65
CR075	Poly Cross 3/4"	18.65
CR100	Poly Cross 1"	18.65
CR125	Poly Cross 1 1/4"	27.75
CR150	Poly Cross 1 1/2"	27.75
CR200	Poly Cross 2"	34.00

Street Elbow 45º

Poly Street Elbows 45º

PART	DESCRIPTION	PRICE (C)
SL075-45	45 Degree Street Elbow 3/4"	6.65
SL100-45	45 Degree Street Elbow 1"	9.70
SL125-45	45 Degree Street Elbow 1 1/4"	12.00
SL150-45	45 Degree Street Elbow 1 1/2"	12.80
SL200-45	45 Degree Street Elbow 2"	15.20
SL300-45	45 Degree Street Elbow 3"	62.75

Pipe Tee

Poly Pipe Tee

PART	DESCRIPTION	PRICE (C)
TEE038	Poly Threaded Tee 3/8"	4.05
TEE050	Poly Threaded Tee 1/2"	4.25
TEE075	Poly Threaded Tee 3/4"	4.60
TEE100	Poly Threaded Tee 1"	6.60
TEE125	Poly Threaded Tee 1 1/4"	7.60
TEE150	Poly Threaded Tee 1 1/2"	10.90
TEE200	Poly Threaded Tee 2"	13.60
TEE300	Poly Threaded Tee 3"	64.65

Elbow 45º

Poly Elbow 45º

PART	DESCRIPTION	PRICE (C)
EL100-45	45 Degree Poly Elbow 1"	12.65

Poly Elbow 90º

PART	DESCRIPTION	PRICE (C)
HBEL100-90	1" HB X 1" HB Elbow	2.35

Banjo Pipe Fittings

Poly Straight Hose Barbs

PART	DESCRIPTION	PRICE (C)
HB025	Poly Straight Adapter 1/4" x 1/4"	1.20
HB025-038	Poly Straight Adapter 1/4" x 3/8"	1.20
HB025-050	Poly Straight Adapter 1/4" x 1/2"	1.40
HB038	Poly Straight Adapter 3/8" x 3/8"	1.30
HB038-50	Poly Straight Adapter 3/8" x 1/2"	1.30
HB050	Poly Straight Adapter 1/2" x 1/2"	1.30
HB050-038	Poly Straight Adapter 1/2" x 3/8"	1.30
HB050-075	Poly Straight Adapter 1/2" x 3/4"	1.40
HB075	Poly Straight Adapter 3/4" x 3/4"	1.40
HB075-038	Poly Straight Adapter 3/4" x 3/8"	1.40
HB075-050	Poly Straight Adapter 3/4" x 1/2"	1.40
HB075-058	Poly Straight Adapter 3/4" x 5/8"	1.75
HB075-100	Poly Straight Adapter 3/4" x 1"	1.75
HB100	Poly Straight Adapter 1" x 1"	1.75
HB100-075	Poly Straight Adapter 1" x 3/4"	1.75
HB100-125	Poly Straight Adapter 1" x 1 1/4"	2.10
HB125	Poly Straight Adapter 1 1/4" x 1 1/4"	2.10
HB125-075	Poly Straight Adapter 1 1/4" x 3/4"	2.10
HB125-100	Poly Straight Adapter 1 1/4" x 1"	2.10
HB125-150	Poly Straight Adapter 1 1/4" x 1 1/2"	4.00
HB150	Poly Straight Adapter 1 1/2" x 1 1/2"	3.50
HB150-100	Poly Straight Adapter 1 1/2" x 1"	3.15
HB150-125	Poly Straight Adapter 1 1/2" x 1 1/4"	3.15
HB150-200	Poly Straight Adapter 1 1/2" x 2"	5.40
HB200	Poly Straight Adapter 2" x 2"	4.30
HB200-150	Poly Straight Adapter 2" x 1 1/2"	5.40
HB300	Poly Straight Adapter 3" x 3"	13.85
HB400	Poly Straight Adapter 4" x 4"	29.10

Female Hose Barb

PART	DESCRIPTION	PRICE (C)
HBF075	Female Straight Adapter 3/4" x 3/4"	3.45
HBF075-100	Female Straight Adapter 3/4" x 1"	3.45
HBF100	Female Straight Adapter 1" x 1"	2.45

Poly Hose Barb Tees

PART	DESCRIPTION	PRICE (C)
HBT050-038	Hose Barb Tee 1/2" x 1/2" x 3/8"	2.45
HBT050-075	Hose Barb Tee 1/2" x 1/2" x 3/4"	2.45
HBT075	Hose Barb Tee 3/4" x 3/4" x 3/4"	2.45
HBT075-050	Hose Barb Tee 3/4" x 3/4" x 1/2"	2.45
HBT075-100	Hose Barb Tee 3/4" x 3/4" x 1"	2.50
HBT100	Hose Barb Tee 1" x 1" x 1"	2.55
HBT100-075	Hose Barb Tee 1" x 1" x 3/4"	2.55

Poly Hose Barb Threaded Tees

PART	DESCRIPTION	PRICE (C)
HBT100-100	Tee Adapter 1" NPT x 1" x 1" Hose	7.75
HBT150-100	Tee Adapter 1 1/2" NPT x 1" x 1" Hose	21.30
HBT150-150	Tee Adapter 1 1/2" NPT x 1 1/2" x 1 1/2" Hose	40.80

Poly 90º Hose Barbs

PART	DESCRIPTION	PRICE (C)
HB025-90	Poly NPT x HB Elbow 1/4" x 1/4"	1.40
HB025-038-90	Poly NPT x HB Elbow 1/4" x 3/8"	1.40
HB025-050-90	Poly NPT x HB Elbow 1/4" x 1/2"	1.40
HB038-90	Poly NPT x HB Elbow 3/8" x 3/8"	1.40
HB050-038-90	Poly NPT x HB Elbow 1/2" x 3/8"	1.40
HB050-90	Poly NPT x HB Elbow 1/2" x 1/2"	1.40
HB050-075-90	Poly NPT x HB Elbow 1/2" x 3/4"	1.40
HB075-050-90	Poly NPT x HB Elbow 3/4" x 1/2"	1.80
HB075-90	Poly NPT x HB Elbow 3/4" x 3/4"	1.80
HB075-100-90	Poly NPT x HB Elbow 3/4" x 1"	1.80
HB100-125-90	Poly NPT x HB Elbow 1" x 1 1/4"	2.75
HB100-90	Poly NPT x HB Elbow 1" x 1"	2.25
HB100-075-90	Poly NPT x HB Elbow 1" x 3/4"	2.25
HB125-100-90	Poly NPT x HB Elbow 1 1/4" x 1"	2.75
HB125-150-90	Poly NPT x HB Elbow 1 1/4" x 1 1/2"	7.95
HB125-90	Poly NPT x HB Elbow 1 1/4" x 1 1/4"	2.75
HB150-125-90	Poly NPT x HB Elbow 1 1/2" x 1 1/4"	7.95
HB150-90	Poly NPT x HB Elbow 1 1/2" x 1 1/2"	7.95
HB200-150-90	Poly NPT x HB Elbow 2" x 1 1/2"	8.70
HB200-90	Poly NPT x HB Elbow 2" x 2"	8.70
HB300-90	Poly NPT x HB Elbow 3" x 3"	42.10

Poly Hose Menders

PART	DESCRIPTION	PRICE (C)
HM050	Poly Hose Mender 1/2"	1.35
HM075	Poly Hose Mender 3/4"	1.45
HM100	Poly Hose Mender 1"	1.80
HM125	Poly Hose Mender 1 1/4"	2.00
HM150	Poly Hose Mender 1 1/2"	3.55
HM200	Poly Hose Mender 2"	4.45
HM300	Poly Hose Mender 3"	13.80

316 Stainless Steel Hose Barbs

PART	DESCRIPTION	PRICE (C)
HB025-038SS	SS Hose Barb 1/4" x 3/8"	15.65
HB025-050SS	SS Hose Barb 1/4" x 1/2"	15.65
HB025SS	SS Hose Barb 1/4" x 1/4"	15.65
HB038-050SS	SS Hose Barb 3/8" x 1/2"	17.60
HB038SS	SS Hose Barb 3/8" x 3/8"	15.65
HB050-058SS	SS Hose Barb 1/2" x 5/8"	22.85
HB050-075SS	SS Hose Barb 1/2" x 3/4"	22.85
HB050SS	SS Hose Barb 1/2" x 1/2"	19.55
HB075-050SS	SS Hose Barb 3/4" x 1/2"	22.85
HB075-100SS	SS Hose Barb 3/4" x 1"	31.95
HB075SS	SS Hose Barb 3/4" x 3/4"	22.85
HB100-075SS	SS Hose Barb 1" x 3/4"	31.95
HB100SS	SS Hose Barb 1" x 1"	31.95
HB125SS	SS Hose Barb 1 1/4" x 1 1/4"	47.85
HB150SS	SS Hose Barb 1 1/2" x 1 1/2"	49.60
HB200SS	SS Hose Barb 2" x 2"	58.60
HB300SS	SS Hose Barb 3" x 3"	153.55

Mini Pipe Fittings

- Heavy duty glass reinforced polypropylene (Schedule 80)
- Lightweight with excellent strength
- Excellent chemical resistance
- 1/4" to 3/8" sizes available
- NPT Threads
- Pressure rated to 150 PSI @ 70°F

PART	DESCRIPTION	PRICE (C)
CAP025	1/4" FNPT Threaded Cap	**2.55**
CAP038	3/8" FNPT Thread Cap	**2.70**

PART	DESCRIPTION	PRICE (C)
CPLG025	1/4" FNPT Poly Coupling	**3.75**

PART	DESCRIPTION	PRICE (C)
CR025	1/4" FNPT Cross	**11.95**
CR038	3/8" FNPT Cross	**13.15**

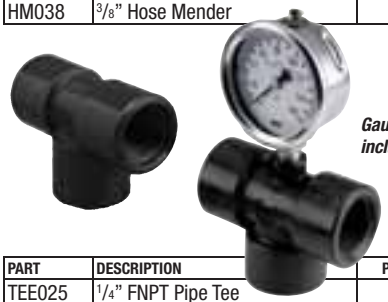
PART	DESCRIPTION	PRICE (C)
EL025-90	1/4" Elbow FNPT x FNPT	**3.30**

PART	DESCRIPTION	PRICE (C)
HBT025	1/4" Hose Barb Tee	**1.90**
HBT038	3/8" Hose Barb Tee	**1.90**

PART	DESCRIPTION	PRICE (C)
HM025	1/4" Hose Mender	**1.30**
HM038	3/8" Hose Mender	**1.30**

PART	DESCRIPTION	PRICE (C)
PLUG025	1/4" Pipe Plug MNPT	**2.35**
PLUG038	3/8" Pipe Plug MNPT	**2.55**

PART	DESCRIPTION	PRICE (C)
SL025-90	1/4" NPT Street Elbow	**3.30**



Gauge not included

PART	DESCRIPTION	PRICE (C)
TEE025	1/4" FNPT Pipe Tee	**3.95**
TEG038	3/8" FNPT Pipe Gauge Tee (1/4")	**4.05**

Poly Micro Valves

- Full Port design with 90° rotating handle
- Precision molded glass-filled poly for added strength
- Standard FKM (Viton-type) seats and O-rings
- Maximum operating pressure 300 PSI

PART	DESCRIPTION	PRICE (C)
LV025MTV	1/4" FNPT x 1/4" MNPT Valve	**16.80**
LV038MTV	3/8" FNPT x 3/8" MNPT Valve	**16.80**
LV050MTV	1/2" FNPT x 1/2" MNPT Valve	**17.90**
LV038050MTV	3/8" FNPT x 1/2" MNPT Valve	**17.90**
LV050100MTV	1/2" FNPT x 1" MNPT Valve	**17.90**

PART	DESCRIPTION	PRICE (C)
LV025V	1/4" FNPT x 1/4" FNPT Valve	**16.80**
LV038V	3/8" FNPT x 3/8" FNPT Valve	**16.80**
LV050V	1/2" FNPT x 1/2" FNPT Valve	**17.90**

PART	DESCRIPTION	PRICE (C)
LVHB025V	1/4" Hose Barb Valve	**16.80**
LVHB038V	3/8" Hose Barb Valve	**16.80**
LVHB050V	1/2" Hose Barb Valve	**17.90**
LVHB075V	3/4" Hose Barb Valve	**17.90**

PART	DESCRIPTION	PRICE (C)
LV050SLV	1/2" FNPT Side Load Valve	**21.95**

PART	DESCRIPTION	PRICE (C)
LVHB038050MTV	3/8" HB x 1/2" MNPT Valve	**17.90**
LVHB075MTV	3/4" HB x 3/4" MNPT Valve	**17.90**
LVHB075100MTV	3/4" HB x 1" MNPT Valve	**17.90**

Barrel Hardware Clamps

- Perfect for tight, hard to reach places
- Minimizes protruding parts by tightening together versus tightening away from
- Deep socket tools not required
- 300 Stainless Steel construction

PART	DESCRIPTION	PRICE (C)
BC090	3/4" Barrel Clamp – .91" to .98"	**12.45**
BC114	1" Barrel Clamp – 1.14" to 1.22"	**12.60**

GREEN LEAF

Nipples

PART	SIZE	PRICE (C)
M1800	1/8	.85
M1400	1/4	.45
M3800	3/8	.50
M3814	3/8 x 1/4	.65
M1200	1/2	.50
M1214	1/2 x 1/4	.65
M1238	1/2 x 3/8	.65
M3400	3/4	.70
M3438	3/4 x 3/8	1.05
M3412	3/4 x 1/2	.75
M1000	1	.90
M1140	1 1/4	1.15
M114100	1 1/4 x 1	2.20
M1120	1 1/2	2.50
M2000	2	3.35
M2000-6	2 x 6	8.85
M3000	3	12.20
M3000-6	3 x 6	19.05
M4000	4	18.15

Couplers

PART	SIZE	PRICE (C)
FC1200	1/2	2.40
FC3400	3/4	2.45
FC1000	1	2.80
FC1140	1 1/4	2.95
FC1120	1 1/2	3.70
FC2000	2	4.20
#03PP	1/2" FPT x FGH	2.25

Gauge Tees

PART	SIZE	PRICE (C)
TT12G18	1/2 x 1/8 Gauge	5.25
TT12G14	1/2 x 1/4 Gauge	5.15
TT34G18	3/4 x 1/8 Gauge	6.85
TT34G14	3/4 x 1/4 Gauge	6.85

Threaded Tees

PART	SIZE	PRICE (C)
TT14	1/4	2.60
TT12	1/2	2.85
TT34	3/4	3.60
TT100	1	5.85
TT114	1 1/4	6.95
TT112	1 1/2	8.85
TT200	2	11.45
TT300	3	52.55

90° Elbows

PART	SIZE	PRICE (C)
LL1212	1/2	2.40
LL3434	3/4	2.90
LL100	1	4.25
LL114	1 1/4	5.45
LL112	1 1/2	6.30
LL200	2	8.85
LL300	3	46.25

Street Elbows

PART	SIZE	PRICE (C)
SE14	1/4	2.10
SE12	1/2	2.40
SE34	3/4	2.25
SE100	1	4.40
SE114	1 1/4	5.40
SE112	1 1/2	6.70
SE200	2	7.75
SE300	3	46.25

Rubber Hose Washers

PART	DESCRIPTION	PRICE (G)
01RW	10 Pack	1.20

45° Street Elbows

PART	SIZE	PRICE (C)
SE34-45	3/4	5.25
SE100-45	1	7.65
SE114-45	1 1/4	9.50
SE112-45	1 1/2	10.15
SE200-45	2	12.00

Pipe Plugs

PART	SIZE	PRICE (C)
F1800	1/8	.45
F1400	1/4	.45
F3800	3/8	.45
F1200	1/2	.50
F3400	3/4	.50
F1000	1	.70
F1140	1 1/4	1.05
F1120	1 1/2	3.15
F2000	2	3.75

Reducer Bushings

PART	SIZE	PRICE (C)
RB3818	3/8 x 1/8	1.15
RB3814	3/8 x 1/4	.90
RB1214	1/2 x 1/4	1.15
RB1238	1/2 x 3/8	.90
RB3418	3/4 x 1/8	1.15
RB3414	3/4 x 1/4	1.15
RB3438	3/4 x 3/8	1.15
RB3412	3/4 x 1/2	1.05
RB1012	1 x 1/2	1.45
RB1034	1 x 3/4	1.10
RB11434	1 1/4 x 3/4	1.95
RB114100	1 1/4 x 1	1.95
RB11234	1 1/2 x 3/4	2.25
RB112100	1 1/2 x 1	2.05
RB112114	1 1/2 x 1 1/4	1.70
RB200100	2 x 1	2.40
RB200114	2 x 1 1/4	2.70
RB200112	2 x 1 1/2	2.40
RB300200-GL	3 x 2	6.05

Swivel Nuts

- Use with Hose Barbs & Vinyl Washer

PART	DESCRIPTION	PRICE (C)
HCNUTGH	GH	.70
HCNUTNPS	NPS	.75

Hose Barbs

- Use with Swivel Nut (HCNUTGH) and Vinyl Washer

PART	SIZE	PRICE (C)
HB1800P	1/8	.70
HB1400P	1/4	.60
HB3800P	3/8	.60
HB1200P	1/2	.60
HB5800P	5/8	.60
HB3400P	3/4	.60

Male GH Couplers

PART	SIZE	PRICE (C)
HC14MPP	1/4 Hose	.70
HC38MPP	3/8 Hose	.70
HC12MPP	1/2 Hose	.70
HC58MPP	5/8 Hose	.70
HC34MPP	3/4 Hose	.70

Female GH Couplers

- Includes Washer, insert & Nut

PART	SIZE	PRICE (C)
HC14FPP	1/4 Hose	2.45
HC38FPP	3/8 Hose	2.45
HC12FPP	1/2 Hose	2.45
HC58FPP	5/8 Hose	2.45
HC34FPP	3/4 Hose	2.45

Caps

- Requires Vinyl Washer

PART	DESCRIPTION	PRICE (C)
CAPGH	GH	.75
CAPNPS	NPS	.75

90° Adapters

PART	SIZE	PRICE (C)
ELMH38	3/8	.90
ELMH12	1/2	.90
ELMH58	5/8	1.00
ELMH34	3/4	1.05
ELMH10	1	1.15

NPT (M) x GH(M) Adapters

PART	SIZE	PRICE (C)
#05PP	3/4 x 3/8	.95
#11PP	3/4 x 1/2	.70
#12PP	3/4 x 3/4	.70
#13APP	GH x GH	.95

GH(M) x NPT(F) Adapters

PART	SIZE	PRICE (C)
#08PP	3/4 x 1/2	1.90
#10PP	3/4 x 3/4	1.95

NPT(M) x GH(F) Adapters

PART	SIZE	PRICE (C)
#09PP	3/4 x 3/4	2.10

Hose Adapters

- Male NPT thread x hose insert.

PART	SIZE	PRICE (F)
MB1814	1/8 x 1/4	.45
MB1812	1/8 x 1/2	.70
MB1838	1/8 x 3/8	.45
MB1414	1/4 x 1/4	.45
MB1438	1/4 x 3/8	.45
MB1412	1/4 x 1/2	.50
MB1458	1/4 x 5/8	1.25
MB1434	1/4 x 3/4	1.25
MB3814	3/8 x 1/4	.50
MB3838	3/8 x 3/8	.50
MB3812	3/8 x 1/2	.50
MB3858	3/8 x 5/8	.65
MB3834	3/8 x 3/4	.80
MB1214	1/2 x 1/4	.50
MB1238	1/2 x 3/8	.50
MB1212	1/2 x 1/2	.50
MB1258	1/2 x 5/8	.50
MB1234	1/2 x 3/4	.55
MB1210	1/2 x 1	1.05
MB3414	3/4 x 1/4	.65
MB3438	3/4 x 3/8	.65
MB3412	3/4 x 1/2	.60
MB3458	3/4 x 5/8	.65
MB3434	3/4 x 3/4	.65
MB3410	3/4 x 1	.75
MB34114	3/4 x 1 1/4	1.95
MB1038	1 x 1 1/4	.90
MB1012	1 x 1/2	.90
MB1058	1 x 5/8	.90
MB1034	1 x 3/4	.80
MB1010	1 x 1	.80
MB10114	1 x 1 1/4	1.30
MB11434	1 1/4 x 3/4	1.65
MB114100	1 1/4 x 1	1.35
MB114114	1 1/4 x 1 1/4	1.55
MB114112	1 1/4 x 1 1/2	1.35
MB112114	1 1/2 x 1 1/4	1.80
MB112112	1 1/2 x 1 1/2	1.80
MB112200	1 1/2 x 2	6.65
MB200112	2 x 1 1/2	5.30
MB200	2	2.60
MB300	3	9.90
MB400	4	23.80

Female Adapters

- Female NPT thread x hose.

PART	SIZE	PRICE (F)
EL1212F	1/8 x 1/4	1.25
EL3412F	1/8 x 3/8	1.35
EL3434F	3/4 x 3/4	1.60

Hose Adapters 90°

- Male NPT thread x hose insert.

PART	SIZE	PRICE (F)
EL1814	1/8 x 1/4	.75
EL1838	1/8 x 3/8	.85
EL1414	1/4 x 1/4	.75
EL1438	1/4 x 3/8	.75
EL1412	1/4 x 1/2	.80
EL1458	1/4 x 5/8	.90
EL3814	3/8 x 1/4	.80
EL3838	3/8 x 3/8	.85
EL3812	3/8 x 1/2	.85
EL1214	1/2 x 1/4	1.80
EL1238	1/2 x 3/8	.85
EL1212	1/2 x 1/2	.85
EL1258	1/2 x 5/8	1.00
EL1234	1/2 x 3/4	1.00
EL1210	1/2 x 1	2.00
EL3438	3/4 x 3/8	1.05
EL3412	3/4 x 1/2	1.05
EL3458	3/4 x 5/8	1.05
EL3434	3/4 x 3/4	1.05
EL3410	3/4 x 1	1.15
EL1012	1 x 1/2	1.15
EL1034	1 x 3/4	1.20
EL1010	1 x 1	1.25
EL11434	1 1/4 x 3/4	3.70
EL114100	1 1/4 x 1	2.25
EL114	1 1/4 x 1 1/4	2.15
EL114112	1 1/4 x 1 1/2	5.50
EL112	1 1/2 x 1 1/2	2.70
EL200	2 x 2	3.40

Straight Adapters

- Female NPT x insert.

PART	SIZE	PRICE (F)
FB1212	1/2 x 1/2	1.55
FB3434	3/4 x 3/4	2.30
FB3458	3/4 x 5/8	2.40

Insert Elbows

- Insert x insert.

PART	SIZE	PRICE (F)
IEL1414	1/4 x 1/4	.70
IEL3838	3/8 x 3/8	.80
IEL1212	1/2 x 1/2	.80
IEL5858	5/8 x 5/8	.80
IEL3434	3/4 x 3/4	1.00
IEL1000	1x1 Nylon	2.65
IEL114114	1 1/4 x 1 1/4	3.35
IEL112112	1 1/2 x 1 1/2	3.65
IEL200200	2x2	6.65

Insert Tees

- Insert (1) x insert (2) x insert (3).

PART	(1)	(2)	(3)	PRICE (F)
T18	1/8	1/8	1/8	1.35
T14	1/4	1/4	1/4	.90
T38	3/8	3/8	3/8	.90
T3812	3/8	1/2	1/2	1.50
T12	1/2	1/2	1/2	.90
T1238NY	1/2	3/8	3/8	.95
T58	5/8	5/8	5/8	1.05
T34	3/4	3/4	3/4	1.05
T3412	3/4	1/2	1/2	1.40
T100	1	1	1	2.00
T114	1 1/4	1 1/4	1 1/4	2.05
T112	1 1/2	1 1/2	1 1/2	2.10
T200	2	2	2	7.80

Hose Menders

- Insert x insert.

PART	SIZE	PRICE (F)
SHM1800	1/8	.70
SHM1400	1/4	.45
SHM3800	3/8	.55
SHM3814	3/8 x 1/4	.80
SHM1200	1/2	.60
SHM1214	1/2 x 1/4	.75
SHM1238	1/2 x 3/8	.65
SHM1258	1/2 x 5/8	.80
SHM5800	5/8	.65
SHM3400	3/4	.70
SHM1000	1	.85
SHM1140	1 1/4	1.55
SHM1120	1 1/2	2.35
SHM2000	2	5.95

Insert Crosses

- 1/4 x 1/4 x 1/4 x 1/4.

PART	SIZE	PRICE (F)
X14	1/4	1.00

Straight Nozzle Fittings

- 11/16 x insert.
- Complete with lock nut.

PART	SIZE	PRICE (F)
NTS38	3/8	1.30
NTS12	1/2	1.30

Nozzle Tees

- 11/16 nozzle thread x insert.
- Complete with lock nut.

PART	DESCRIPTION	PRICE (F)
NTT38	3/8	1.40
NTT12	1/2	1.50
NTT34	3/4	1.70
Locknut	Locknut for NTT/NTL	.25

Nozzle Elbows

- 11/16 nozzle thread x insert.
- Complete with lock nut.

PART	SIZE	PRICE (F)
NTL38	3/8	1.35
NTL12	1/2	1.50
NTL34	3/4	1.50

Nozzle Crosses

- 11/16 nozzle thread x insert.
- Complete with lock nut.

PART	SIZE	PRICE (F)
T38C	3/8	1.40
T12C	1/2	1.35

X200

- Tank Fitting, Multiple Outlets
- Fits 2" Tank Fitting
- 1 1/4" Port for Suction
- 3/4" Port for Agitator
- 1/2" Port for Drain

PART	DESCRIPTION	PRICE (F)
X200	Tank Fitting	15.25

TRU-BLU

- Thread Sealant.
- Contains Teflon®.
- Bushable from -7° C to 60° C.
- 24 per case.

PART	DESCRIPTION	PRICE (C)
TRUBLU1.75	Thread Sealant 1.75 oz. tube	6.35
TRUBLU4	Thread Sealant 4 oz.	16.25
TRUBLU8	Thread Sealant 8 oz.	24.40

Galvanized/Stainless Steel Fittings

HOW TO ORDER: For Stainless Steel - Insert "SS" in front of part number (i.e. SSTT100) or for Galvanized - Insert "G" in front of part number (i.e. GTT100).
PRODUCT CATEGORIES: Stainless Steel Fittings – (F) Galvanized Steel Fittings – (E)

Reducer Bushings

PART	SIZE	SS	GALV
*RB1418	1/4" x 1/8"	.65	2.35
*RB3818	3/8" x 1/8"	1.05	2.35
*RB3814	3/8" x 1/4"	.80	2.35
*RB1218	1/2" x 1/8"	1.85	2.35
*RB1214	1/2" x 1/4"	1.55	2.25
*RB1238	1/2" x 3/8"	1.35	2.25
*RB3418	3/4" x 1/8"	2.70	1.80
*RB3414	3/4" x 1/4"	2.70	1.80
*RB3438	3/4" x 3/8"	2.60	1.80
*RB3412	3/4" x 1/2"	2.35	1.80
*RB1038	1" x 3/8"	4.40	1.80
*RB1012	1" x 1/2"	4.20	2.35
*RB1034	1" x 3/4"	3.65	2.35
*RB11434	1 1/4" x 3/4"	6.75	3.90
*RB114100	1 1/4" x 1"	5.85	3.90
*RB11234	1 1/2" x 3/4"	9.45	5.15
*RB112100	1 1/2" x 1"	8.90	5.15
*RB112114	1 1/2" x 1 1/4"	6.65	5.15
*RB20034	2" x 3/4"	15.40	5.55
*RB200100	2" x 1"	15.85	5.55
*RB200114	2" x 1 1/4"	14.35	5.55
*RB200112	2" x 1 1/2"	12.30	5.55
*RB212200	2 1/2" x 2"	41.80	8.60
*RB300200	3" x 2"	62.10	12.45
*RB400200	4" x 2"	111.20	23.10
*RB400300	4" x 3"	111.20	23.10

Cap

PART	SIZE	SS	GALV
*CAP18	1/8"	2.60	1.70
*CAP14	1/4"	.60	1.70
*CAP38	3/8"	.90	1.70
*CAP12	1/2"	1.60	1.15
*CAP34	3/4"	2.25	1.25
*CAP100	1"	3.65	1.75
*CAP114	1 1/4"	5.70	2.50
*CAP112	1 1/2"	8.00	3.75
*CAP200	2"	19.80	5.15
*CAP300	3"	63.65	15.35
*CAP400	4"	111.35	24.50

Plug

PART	SIZE	SS	GALV
*F1800	1/8"	-	1.40
*F1400	1/4"	.50	1.40
*F3800	3/8"	.65	1.40
*F1200	1/2"	3.25	1.25
*F3400	3/4"	2.40	1.70
*F1000	1"	3.25	1.40
*F1140	1 1/4"	6.05	2.35
*F1120	1 1/2"	6.90	2.65
*F2000	2"	10.05	3.90
*F3000	3"	43.35	12.20

Reducer Tee

PART	SIZE	SS	GALV
*RT3412	3/4" x 3/4" x 1/2"	-	5.70
*RT1034	1" x 1" x 3/4"	-	8.60
*RT11434	1 1/4" x 1 1/4" x 3/4"	-	11.50
*RT114100	1 1/4" x 1 1/4" x 1"	-	12.05

Tee

PART	SIZE	SS	GALV
*TT18	1/8"	1.30	2.80
*TT14	1/4"	2.25	2.80
*TT38	3/8"	3.25	2.80
*TT12	1/2"	4.40	1.60
*TT34	3/4"	5.60	2.30
*TT100	1"	9.20	4.15
*TT114	1 1/4"	15.05	6.25
*TT112	1 1/2"	20.30	7.90
*TT200	2"	30.20	11.65
*TT300	3"	147.70	51.55
*TT400	4"	250.40	99.60

90º Elbow

PART	SIZE	SS	GALV
*LL1818	1/8"	.90	2.30
*LL1414	1/4"	1.50	2.30
*LL3838	3/8"	2.30	2.30
*LL1212	1/2"	3.05	1.40
*LL3434	3/4"	4.70	1.90
*LL100	1"	6.90	2.95
*LL114	1 1/4"	11.00	4.70
*LL112	1 1/2"	14.85	5.85
*LL200	2"	21.40	8.75
*LL300	3"	111.35	27.35
*LL400	4"	221.85	49.45

Street Elbows

PART	SIZE	SS	GALV
*SE18	1/8"	.90	2.65
*SE14	1/4"	1.40	2.65
*SE38	3/8"	2.15	2.65
*SE12	1/2"	3.40	1.60
*SE34	3/4"	5.00	2.35
*SE100	1"	8.00	3.75
*SE114	1 1/4"	12.65	6.25
*SE112	1 1/2"	16.70	7.60
*SE200	2"	27.25	11.35
*SE300	3"	119.15	43.55
*SE400	4"	211.60	61.05

Cross

PART	SIZE	SS	GALV
*CR18	1/8"	6.75	9.15
*CR14	1/4"	2.15	9.15
*CR38	3/8"	3.15	9.15
*CR12	1/2"	5.85	9.15
*CR34	3/4"	8.30	12.80
*CR100	1"	13.25	17.35
*CR114	1 1/4"	18.65	25.50
*CR112	1 1/2"	25.50	34.65
*CR200	2"	38.50	47.40
*CR300	3"	-	76.40

45º Elbow

PART	SIZE	SS	GALV
*LL1818-45	1/8"	3.05	-
*LL1414-45	1/4"	1.10	2.80
*LL3838-45	3/8"	1.70	2.80
*LL1212-45	1/2"	2.85	2.10
*LL3434-45	3/4"	4.25	3.05
*LL100-45	1"	7.20	3.75
*LL114-45	1 1/4"	11.45	7.20
*LL112-45	1 1/2"	14.80	7.50
*LL200-45	2"	20.85	11.50
*LL300-45	3"	-	47.80

Female Coupling

PART	SIZE	SS	GALV
*FC1800	1/8"	.70	1.75
*FC1400	1/4"	.90	1.75
*FC3800	3/8"	1.75	1.75
*FC1200	1/2"	2.60	1.20
*FC3400	3/4"	3.55	1.50
*FC1000	1"	5.45	2.50
*FC1140	1 1/4"	9.75	3.75
*FC1120	1 1/2"	10.85	4.30
*FC2000	2"	16.25	6.65
*FC3000	3"	77.40	18.80
*FC4000	4"	131.60	44.10

Reducer Elbow

PART	SIZE	SS	GALV
*LL3412	3/4" x 1/2"	-	2.80
*LL1012	1" x 1/2"	-	3.90
*LL1034	1" x 3/4"	-	3.90
*LL114100	1 1/4" x 1"	-	6.25

Reducer Coupling

PART	SIZE	SS	GALV
*FC1418	1/4" x 1/8"	1.15	2.50
*FC3814	3/8" x 1/4"	1.70	2.50
*FC1238	1/2" x 3/8"	2.15	1.95
*FC3414	3/4" x 1/4"	3.25	1.95
*FC3438	3/4" x 3/8"	-	1.95
*FC3412	3/4" x 1/2"	3.00	1.95
*FC10012	1" x 1/2"	4.45	2.80
*FC10034	1" x 3/4"	4.70	2.80
*FC11434	1 1/4" x 3/4"	7.45	4.05
*FC114100	1 1/4" x 1"	8.55	4.05
*FC11234	1 1/2" x 3/4"	9.45	4.60
*FC112100	1 1/2" x 1"	8.95	4.60
*FC112114	1 1/2" x 1 1/4"	-	4.60
*FC200100	2" x 1"	13.30	7.05
*FC200112	2" x 1 1/2"	14.20	7.05
*FC300200	3" x 2"	77.40	20.20
*FC300212	3" x 2 1/2"	-	20.20
*FC400300	4" x 3"	131.60	37.45

Union

PART	SIZE	SS	GALV
*U1800	1/8"	-	9.55
*U1400	1/4"	-	9.55
*U3800	3/8"	-	9.55
*U1200	1/2"	10.30	6.40
*U3400	3/4"	12.30	8.05
*U1000	1"	19.85	9.40
*U1140	1 1/4"	28.90	12.60
*U1120	1 1/2"	32.35	16.60
*U2000	2"	46.10	25.00
*U3000	3"	-	76.55

Galvanized/Stainless Steel & Tube Fittings

HOW TO ORDER: For Stainless Steel - Insert "SS" in front of part number (i.e. SSTT100) or for Galvanized - Insert "G" in front of part number (i.e. GTT100).
PRODUCT CATEGORIES: Stainless Steel Fittings – (F) Galvanized Steel Fittings – (E)

Nipples

PART	SIZE	SS	GALV
*M1800	1/8" close	2.25	2.65
*M1800-2	1/8" x 2"	2.65	3.25
*M1800-3	1/8" x 3"	3.05	4.00
*M1800-4	1/8" x 4"	3.90	4.60
*M1800-5	1/8" x 5"	3.90	5.05
*M1800-6	1/8" x 6"	4.90	5.50
*M1400	1/4" close	1.70	2.35
*M1400-2	1/4" x 2"	2.25	2.65
*M1400-3	1/4" x 3"	2.70	3.60
*M1400-4	1/4" x 4"	3.20	3.85
*M1400-5	1/4" x 5"	3.70	5.15
*M1400-6	1/4" x 6"	4.15	5.30
*M3800	3/8" close	2.10	2.40
*M3800-2	3/8" x 2"	2.70	2.75
*M3800-3	3/8" x 3"	3.40	3.35
*M3800-4	3/8" x 4"	4.00	4.00
*M3800-412	3/8" x 4 1/2"	4.35	4.60
*M3800-5	3/8" x 5"	4.70	5.15
*M3800-512	3/8" x 5 1/2"	4.95	7.45
*M3800-6	3/8" x 6"	5.30	5.60
*M1200	1/2" close	2.60	1.55
*M1200-2	1/2" x 2"	3.35	1.80
*M1200-3	1/2" x 3"	4.15	2.10
*M1200-4	1/2" x 4"	5.05	2.95
*M1200-5	1/2" x 5"	5.95	3.35
*M1200-6	1/2" x 6"	6.75	3.75
*M3400	3/4" close	3.30	1.90
*M3400-2	3/4" x 2"	4.05	2.05
*M3400-212	3/4" x 2 1/2"	4.65	2.25
*M3400-3	3/4" x 3"	5.20	2.55
*M3400-4	3/4" x 4"	6.35	3.10
*M3400-5	3/4" x 5"	7.50	3.60
*M3400-6	3/4" x 6"	8.60	4.60
*M1000	1" close	4.45	3.05
*M1000-2	1" x 2"	5.25	3.05
*M1000-3	1" x 3"	6.90	3.60
*M1000-4	1" x 4"	8.55	4.35
*M1000-412	1" x 4 1/2"	9.35	4.70
*M1000-5	1" x 5"	10.20	4.95
*M1000-6	1" x 6"	11.85	5.60
*M1000-8	1" x 8"	15.30	10.30
*M1000-10	1" x 10"	18.80	12.25
*M1140	1 1/4" close	5.90	3.60
*M1140-2	1 1/4" x 2"	6.75	3.95
*M1140-3	1 1/4" x 3"	8.95	4.45
*M1140-4	1 1/4" x 4"	11.20	5.50
*M1140-5	1 1/4" x 5"	13.40	6.30
*M1140-6	1 1/4" x 6"	15.70	7.10
*M1120	1 1/2" close	7.25	4.35
*M1120-2	1 1/2" x 2"	7.95	4.60
*M1120-3	1 1/2" x 3"	10.55	5.40
*M1120-4	1 1/2" x 4"	13.25	6.60
*M1120-5	1 1/2" x 5"	15.90	7.65
*M1120-6	1 1/2" x 6"	18.60	8.50
*M2000	2" close	10.15	5.65
*M2000-3	2" x 3"	13.75	6.85
*M2000-4	2" x 4"	17.35	8.45
*M2000-5	2" x 5"	20.95	9.70
*M2000-6	2" x 6"	24.50	11.05
*M2120	2 1/2" close	20.60	21.35
*M3000	3" close	28.40	25.25
*M4000	4" close	41.90	37.60

Adapter

PART	DESCRIPTION	PRICE (G)
366-4B	1/4" FNPT x 1/4" Tube	1.80
366-6B	1/4" FNPT x 3/8" Tube	2.20
366-6C	3/8" FNPT x 3/8" Tube	2.30

Male Adapter

PART	DESCRIPTION	PRICE (G)
368-4A	1/8" MNPT x 1/4" Tube	1.30
368-4B	1/4" MNPT x 1/4" Tube	1.45
368-6B	1/4" MNPT x 3/8" Tube	1.45
368-4C	3/8" MNPT x 1/4" Tube	1.50
368-6C	3/8" MNPT x 3/8" Tube	2.10

Elbow

PART	DESCRIPTION	PRICE (G)
365-4	1/8" Tube x 1/4" Tube	2.65
365-6	3/8" FNPT x 3/8" Tube	3.65
365-8	1/2" FNPT x 1/2" Tube	4.50

Tee

PART	DESCRIPTION	PRICE (G)
364-4	1/4" Tube 3-Way Tee	3.30
364-6	3/8" Tube 3-Way Tee	4.60
364-8	1/2" Tube 3-Way Tee	5.50

Union

PART	DESCRIPTION	PRICE (G)
362-4	1/4" Tube x 1/4" Tube	1.90
362-6	3/8" Tube x 3/8" Tube	2.70
362-8	1/2" Tube x 1/2" Tube	3.55

Female Elbow

PART	DESCRIPTION	PRICE (G)
370-6B	1/4" FNPT x 3/8" Tube	3.25
370-6C	3/8" FNPT x 3/8" Tube	3.65
370-8D	1/2" FNPT x 1/2" Tube	4.95

Center Tee

PART	DESCRIPTION	PRICE (G)
372-4B	1/4" MNPT x 1/4" Tube	3.30
372-6B	1/4" MNPT x 3/8" Tube	3.90

Male Elbow

PART	DESCRIPTION	PRICE (G)
369-4A	1/8" MNPT x 1/4" Tube	2.05
369-4B	1/4" MNPT x 1/4" Tube	2.05
369-6B	1/4" MNPT x 3/8" Tube	2.55
369-4C	3/8" MNPT x 1/4" Tube	2.45
369-6C	3/8" MNPT x 3/8" Tube	2.65
369-8C	3/8" MNPT x 1/2" Tube	3.10
369-8D	1/2" MNPT x 1/2" Tube	3.10

End Tee

PART	DESCRIPTION	PRICE (G)
371-4B	1/4" MNPT x 1/4" Tube	3.30

More sizes available. Please call.

Tanks, Fittings and Accessories

Mix and Fill Tank

PART	DESCRIPTION	PRICE (I)
160LR	16 Imp. gal - 20"L x 20" dia., 8" Lid, 1¼" Fittings	**189.70**
161LR	26 Imp. gal - 30"L x 24" dia., 8" Lid, 1¼" Fittings	**213.30**

Anti-Vortex

Bulkhead

Bulkhead Fitting

PART	DESCRIPTION	HOLE	PRICE (B)
AC5861	Bulkhead Fitting ¾"	1⅝"	**10.05**
AC5871	Bulkhead Fitting 1"	1 1/16"	**11.40**
ANTIV-1	Anti Vortex Fitting 1"	1 1/16"	**25.30**
AC5881	Bulkhead Fitting 1¼"	2½"	**10.50**
ANTIV-1.25	Anti Vortex Fitting 1¼"	2½"	**28.60**
AC5891	Bulkhead Fitting 1½"	2½"	**19.00**
ANTIV-1.50	Anti Vortex Fitting 1½"	2½"	**29.95**
AC5901	Bulkhead Fitting 2"	3⅛"	**23.35**
ANTIV-2	Anti Vortex Fitting 2"	3⅛"	**32.70**

Note: Use with AC48** 90° Fittings

90° Elbow

PART	SIZE	PRICE (B)
AC4821	1¼X 1	**7.40**
AC4831	1¼	**7.60**
AC4851	1½	**8.00**
AC4871	2	**11.80**
AC4881	2 x 1¼	**25.50**

180° Straight

PART	SIZE	PRICE (B)
AC4341	1¼	**5.85**
AC4371	1½	**6.15**
AC4391	2	**8.95**
AC4822	1 x 1	**4.25**

Greenleaf Tank Fittings

PART	SIZE	DESCRIPTION	PRICE (C)
TF ½	½"	½" FPT-Drill 1½" Hole	**7.55**
TF ¾	¾"	¾" FPT-Drill 1½" Hole	**6.95**
TF 1	1"	1" FPT-Drill 2¼" Hole	**9.00**
TF 1¼	1¼"	1¼" FPT-Drill 2⅛" Hole	**8.55**
TF 1½	1½"	1½" FPT-Drill 3" Hole	**10.45**
TF 2	2"	2" FPT-Drill 3" Hole	**10.45**
TF 3	3"	3" FPT-Drill 4½" Hole	**38.45**
TF 4	4"	4" FPT-Drill 6" Hole	**123.95**

Stainless Steel Tank Fittings

PART	DESCRIPTION	HOLE SIZE	PRICE (C)
TF ¾-SS	¾" Double Thread L/Gasket	1¾"	**87.10**
TF 1-SS	1" Double Thread L/Gasket	1⅝"	**89.30**
TF 1¼-SS	1¼" Double Thread L/Gasket	2"	**127.15**
TF 1½-SS-DBL	1½" SS Double Thread L/Gasket	2¼"	**127.15**
TF 2-SS-DBL	2" Double Thread L/Gasket	2¾"	**134.50**
TF 3-SS-DBL	3" SS Double Thread L/Gasket	4⅛"	**305.55**
Cross-Linked Gaskets For Tank Fittings			
62950	Fits TF ¾-SS & TF1-SS		**3.65**
63041	Fits TF 1¼-SS		**4.35**
63042	Fits TF 1½-SS-DBL		**6.35**
62848	Fits TF 2-SS-DBL		**7.00**
63043	Fits TF 3-SS-DBL		**9.00**
Not Shown			
TF2-SS	2" SS Single Thread	2¾"	**113.20**
TF4-SS-DBL	4" SS DBBL Thread L/Gasket	5¼"	**545.65**

Tank Lids

PART	DESCRIPTION	PRICE (E)
LID-8	8" LID w/Vent & Ring Collar	**26.30**
LID-8-L	8" LID Only w/Vent	**19.60**
LID-12	12" LID w/Vent & Ring Collar	**36.10**
LID-12-L	12" LID Only w/Vent	**25.05**
LID-12-R	12" Ring Collar	**13.20**
LID-15	15" LID w/Vent & Ring Collar	**44.80**
LID-15-L	15" LID Only w/Vent	**31.20**
LID-15-LOCK	Locking Hinged Lid 16"	**87.70**
LID-15-R	15" Ring Collar	**13.65**
LID-21	21" LID w/Vent & Ring Collar	**108.95**
LID-21-L	21" LID Only w/Vent	**78.10**
LID-21-R	21" Ring Collar	**30.85**
LID-VENT	Vent for 12", 15" & 21"	**8.85**

Tank Strainer

PART	DESCRIPTION	PRICE (C)
AC645	8" Basket Strainer	**31.65**
AC646	12" Basket Strainer	**39.85**
AC649	15" Basket Strainer	**43.60**

2" Webbing

PART	DESCRIPTION	PRICE (E)
Web	2" Tank Strap Per Ft.	**1.05**
Web-Roll	2" Tank Strap 50 Metre Roll	**139.60**

Strap Holder

PART	DESCRIPTION	PRICE (C)
Bracket	Tank Strap Bracket 7/16" Hole	**5.35**

Horizontal Transport Tanks

PART	DESCRIPTION	PRICE (I)
112LR	100 Imp. gal - 45"L x 29" dia., 8" Lid, 1¼" Fittings	**299.00**
126LR	175 Imp. gal - 51"L x 38" dia., 8" Lid, 2" Fittings	**399.75**
135LR	325 Imp. gal - 78"L x 42" dia., 16" Lid, 2" Fittings	**610.85**
140LR	500 Imp. gal - 83"L x 48" dia., 16" Lid, 2" Fittings	**791.95**
145LR	750 Imp. gal - 101"L x 54" dia., 16" Lid, 2" Fittings	**1757.50**
150LR	1000 Imp. gal - 102"L x 65" dia., 16" Lid, 2" Fittings	**1936.45**

Applicator Tanks

PART	DESCRIPTION	PRICE (I)
102LR	10 Imp. gal - 39"L x 16" dia.	**107.20**
103LR	25 Imp. gal - 18"L x 23" dia.	**139.35**
105LR	50 Imp. gal - 37"L x 30" dia.	**186.50**
111LR	90 Imp. gal - 49"L x 30" dia.	**305.45**
115LR	125 Imp. gal - 55"L x 32" dia.	**353.65**
123LR	165 Imp. gal - 71"L x 32" dia.	**408.30**
125LR	165 Imp. gal - 51"L x 38" dia.	**408.30**
133LR	250 Imp. gal - 72"L x 38" dia.	**527.25**
139LR	415 Imp. gal - 74"L x 48" dia.	**669.80**

NOTE:
Poly Tank Prices Subject to Change. Please Call Our Office to Confirm Your Current Pricing and Availability.

Vertical Storage Tanks

PART	DESCRIPTION	PRICE (I)
171LR	915 Imp. gal - 53"L x 86" dia	**799.45**
177LR	1250 Imp. gal - 70"L x 86" dia	**900.20**
190LRCB	835 Imp. gal - 63"L x 86" dia	**1311.70**
191LRCB	1250 Imp. gal - 69"L x 86" dia	**1649.25**

WorkHorse Spot Sprayer Tank w/ Lid

- Pre-drilled 3/8" suction / return line holes and drain plug
- Features mounting holes on top of tank for pump and on side of tank for spray gun brackets (sold separately).

PART	DESCRIPTION	PRICE(H)
WH-600132	25 US Gallon Tank w/ 6" lid	**97.65**
WH-600151	Spray gun bracket (2 required)	**3.75**

Truck Tanks

PART	DESCRIPTION	PRICE (I)
162LR	250 Imp. gal - 30"L x 65" dia., 8" Lid	**396.55**
165LR	420 Imp. gal - 45"L x 65" dia., 8" Lid	**551.90**

CHAPIN

Chapin Pro XP Series Tank Sprayers

- Available in 1, 2, and 3 Gallon tank sizes for the lawn / landscaping professional.
- Viton Seals and Gaskets for use with a wide range of fertilizers and chemicals.
- Cushion grip shut-off with internal filter and lock-on trigger feature.
- SureSpray® in-tank anti-clog filter blocks debris from hose, trigger, and spray tip.
- Pressure relief valve built into translucent poly non-corrosive spray tank.

PART	DESCRIPTION	PRICE
26011XP	1 Gallon Pro XP Series Tank Sprayer	**49.25 (G)**
26021XP	2 Gallon Pro XP Series Tank Sprayer	**53.00 (G)**
26031XP	3 Gallon Pro XP Series Tank Sprayer	**67.05 (G)**
Chapin Pro XP Series Tank Sprayer Parts		
30163-1	Replacement Pump – Pro Series Sprayer	**35.75 (F)**
6-8130	Hose Assembly – Pro Series Sprayer	**21.10 (F)**
6-8219	20'' Poly Wand (no nozzle) – Pro Series Sprayer	**32.45 (F)**
6-8131	Nozzle Assembly – Pro Series Sprayer	**17.30 (F)**
6-8138	Replacement Trigger for Pro Series Sprayer	**19.30 (F)**
6-4601	Seal and Gasket Kit – Pro Series Sprayer	**25.45 (F)**
6-4605	Pressure Relief Valve – Pro Series Sprayer	**16.00 (F)**
3-2694-11	Outlet Tube – Pro Series Sprayer	**4.75 (F)**

Chapin Industrial Series Sprayer

- 3-Gallon poly tank capacity
- Viton Seals and Gaskets
- Brass spray wand and shut-off trigger w/ lock-on feature
- Pressure relief valve; anti-clog filter

PART	DESCRIPTION	PRICE(G)
22790XP	Industrial Sprayer	**129.00**

Gilmour Model 1P Tank Sprayer

- 1-Gallon operating capacity
- Translucent tank to check fluid level
- 16'' flexible wand w/ adjustable tip
- Built-in pressure relief valve
- Funnel top for easy fill

PART	DESCRIPTION	PRICE(G)
1P	1 Gallon Sprayer	**21.20**

GILMOUR / SPRAY DOC TANK SPRAYERS DISCONTINUED

The manufacturers of Gilmour brand tank sprayers unexpectedly announced the discontinuation of their products after 2014. They have committed to maintaining service parts for their sprayers for 2 calendar years and Even-Spray will also do so based on their available inventory. We apologize for this inconvenience.

SureSpray™ Series Tank Sprayers

- Available in 1, 2, and 3 Gallon tank sizes
- Multi-purpose sprayer designed for pesticides, fertilizers, and general cleaning
- Nitrile seals
- Translucent non-corrosive and durable spray tank
- Ergonomic pump handle and funnel top for ease of filling

PART	DESCRIPTION	PRICE
20010	1 Gallon SureSpray™ Series Tank Sprayer	**27.85 (G)**
20020	2 Gallon SureSpray™ Series Tank Sprayer	**37.20 (G)**
20030	3 Gallon SureSpray™ Series Tank Sprayer	**46.60 (G)**
Chapin SureSpray™ Series Tank Sprayer Parts		
6-7749	18'' Poly Wand Extension (nozzle not included)	**12.30 (F)**
6-2001	Hose Assembly	**14.90 (F)**
6-2000	Replacement Trigger Assembly	**11.70 (F)**
6-6003	Poly Adjustable Nozzle	**6.85 (F)**
301128	Replacement Pump Assembly	**14.50 (F)**
6-1925	Seal and Gasket Set	**18.25 (F)**

Gilmour 030P Hand Pump Sprayer

- 1½ Quart (1.42L) operating capacity.
- Convenient thumb lever control.
- Adjustable brass spray nozzle.

PART	DESCRIPTION	PRICE(G)
030P	1½ Quart Sprayer	**13.25**

Chapin 48 oz. Hand Sprayer

- 48 US oz poly non-corrosive tank
- Viton seals
- Adjustable cone spray nozzle
- SureSpray™ Anti-clog filter

PART	DESCRIPTION	PRICE(G)
1046	48 oz. Hand Sprayer	**27.15**

Chapin 80º Spot Spray Shield Kit

- Fits most Chapin brand backpack and tank sprayers. Threads onto wand
- Reduces spray drift damage
- c/w Cone shield, 80º spray tip, & body

PART	DESCRIPTION	PRICE(G)
6-7773	Spray Shield Kit	**27.20**

32 oz. Upside Down Sprayer

- Sprays in any position – even in the upside position; adjustable spray tip.

PART	DESCRIPTION	PRICE(G)
1105	Upside Down Sprayer	**5.60**

Chapin 63800 Wide Mouth Pro Series Piston Pump Backpack Sprayer

- 4 US gallon true capacity tank w/ extra large 6" easy-fill diameter opening.
- Viton™ Seals and Gaskets for chemical spraying.
- Strainer/filter basket helps keep debris out of tank.
- Cushion grip spray handle reduces hand fatigue.
- Adjustable padded shoulder and waist straps for the perfect fit and comfort.
- Pumping handle can be set for left or right hand use.
- Brass, poly fan, and poly cone nozzles included.
- 20" Poly spray wand extension.

PART	DESCRIPTION	PRICE (F)
63800	Wide Mouth Pro Series 4-Gallon Piston Pump Backpack Sprayer	**138.60**

Chapin 64800 Pro Series Diaphragm Pump Backpack Sprayer

- Diaphragm-style pump mechanism for spraying wettable powders.
- 4 US gallon true capacity with large 4" diameter opening for easy filling.
- Strainer/filter basket helps keep debris out of spray tank.
- Cushion grip spray handle reduces hand fatigue.
- Adjustable padded shoulder and waist straps for the perfect fit and comfort.
- Pumping handle can be oriented for either left or right hand use.
- Brass, poly fan, and poly cone nozzles included.
- Viton™ Seals and Gaskets for chemical spraying.

PART	DESCRIPTION	PRICE (F)
64800	Pro Series 4-Gallon Diaphragm Pump Backpack Sprayer	**131.80**

Chapin 63900 Commercial Duty Dual Displacement Pro Backpack Sprayer

- Dual displacement piston and diaphragm pump technology provides increased pressure (120+ PSI) and eliminates piston leaking.
- Self-cleaning JetClean design minimizes clogging.
- 4 US gallon true capacity.
- 6" Extra large diameter opening with strainer basket for easy, debris-free filling.
- Comfort trigger handle w/ serviceable filter.
- Viton™ Seals for chemical spraying.
- Comfortable back pad/double padded shoulder straps.
- Swing away left or right reversible pump handle.
- Brass, poly fan, and poly cone nozzles included.

PART	DESCRIPTION	PRICE (F)
63900	4-Gallon Professional Dual Displacement Backpack Sprayer	**175.45**

SHURflo SRS-600 Electric Backpack Sprayer

- 4 US Gallon poly solution tank.
- Advanced one touch master control button – select from four speed settings.
- On demand operation – squeeze trigger to spray, release to stop.
- Adjustable pressure and spray tip allows for fine misting to solid stream spraying.
- The integrated micro-processor regulates pump speed for consistent spraying.
- Status lamp indicates power ON and blinks when battery requires charging.
- Poly electric pump with Viton™ seals & Santoprene diaphragm.
- 12-Volt, 1 US GPM 40 PSI pump; sprays up to 120 gallons on a single charge.
- Poly trigger, spray wand, and adjustable tip.
- High capacity 12-volt DC 500 mA output charger included.

PART	DESCRIPTION	PRICE (F)
SRS-600	12-Volt 4-Gallon Rechargeable Electric Backpack Sprayer	**547.05**

Genuine Chapin Backpack Sprayer Parts, Repair Kits, and Accessories

PART	DESCRIPTION	PRICE (F)
6-8224	Piston Diaphragm Pump Assembly – 63900	**77.50**
6-8225	Piston Collar Assembly – 63900	**23.25**
6-8180	Piston Pump Repair Seal Kit – 63800	**27.35**
6-8120B	Repair Kit for 6-8138 Trigger Assembly – All Chapin models	**11.35**
6-8138	Trigger Assembly – All Chapin models	**19.30**
6-8101	20" Poly Spray Wand Extension – 63800, 64800	**32.45**
6-8122	Brass Adjustable Nozzle – All Chapin models	**11.80**
6-8148	Nozzle Elbow Assembly – All Chapin models	**6.45**
6-8105	48" Hose Assembly – All Chapin models	**18.20**
6-8146	4" Filter Basket with Cap – 63800, 64800	**16.40**

PART	DESCRIPTION	PRICE (F)
6-8146-1	6" Filter Basket with Cap – 63800, 63900	**28.90**
6-8183	Complete Diaphragm Pump Assembly – 64800	**63.85**
6-8179	Piston/Cup/Linkage Assembly – 63800	**41.75**
6-8178	Cylinder Assembly – 63800	**18.80**
6-8151	Relief Valve – All Chapin models	**15.40**
6-8137	Carry Strap – 63800, 64800	**22.25**
6-8152	Wand Clip – 63800, 64800	**1.80**
6-7780	2 Nozzle Poly Boom – All Chapin models	**36.55**
6-7781	3 Nozzle Poly Boom – All Chapin models	**44.85**
6-7773	Spot Spraying Cone Shield w/ Nozzle – All Chapin models	**27.20**

WORKHORSE

WorkHorse 25 Gallon Deluxe ATV Boomless Sprayer

- 25 US gallon poly tank with large fill mouth.
- Quick-detach 2-Nozzle spray boom with check valves and strainers.
- 12-Volt demand pump; 4.0 GPM – 45 PSI maximum pressure.
- 24 Foot total spray coverage.
- Shut-off valves to spray right or left side independently.
- Boom adjustable to 3 different heights.
- Deluxe pistol grip w/ 15' of hose and adjustable spray tip.
- Pressure gauge (adjustable pressure from 0 to 60 PSI).
- 8-Foot wiring harness with battery clips and switch.
- ATV mounting straps included.
- 2 Year Manufacturer's warranty from date of manufacture.

PART	DESCRIPTION	PRICE (H)
WH-ATV25BL	25 Gallon ATV Boomless Sprayer	**487.65**

Folds up for storage or transportation.

Shown mounted to WorkHouse Spot Sprayer - Sprayer not included.

Deluxe 7 Nozzle ATV Boom Kit

- Attaches / detaches to the WorkHorse Spot Sprayer using a Quick Mount system to convert unit for use on an ATV.
- 7-Nozzle fold-out boom w/ flat fan style spray tips, check valves, and strainers.
- Provides up to 140 inch total spray coverage.
- Spring loaded boom arms fold easily for storage or travel between spray sites.
- 2 Year Manufacturer's warranty from date of manufacture.

PART	DESCRIPTION	PRICE (H)
WH-ATV007BK	7 Nozzle ATV Boom Kit	**236.50**

Deluxe 2 Nozzle ATV Boom Kit

- Attaches / detaches to the WorkHorse Spot Sprayer using a Quick Mount system to convert unit for use on an ATV.
- 2-Nozzle boom w/ check valves and strainers provides up to 80 inch total spray coverage.
- 2 Year Manufacturer's warranty from date of manufacture.

PART	DESCRIPTION	PRICE (H)
WH-ATV002BK	2 Nozzle ATV Boom Kit	**125.65**

WorkHorse 25 Gallon Deluxe Tow Behind Sprayer

- 25 US gallon poly tank with large fill mouth.
- 2-Nozzle break-away style boom with 80 inch spray coverage.
- 12-Volt demand pump; 2.0 GPM – 60 PSI maximum pressure.
- Deluxe pistol grip w/ 15' of hose and adjustable spray tip.
- Pressure gauge (adjustable pressure from 0 to 60 PSI).
- 8-Foot wiring harness with battery clips and switch.
- 4.10/3.50 x 6 Pneumatic tires.
- Heavy duty corrosion resistant frame.
- 2 Year Manufacturer's warranty from date of manufacture.

PART	DESCRIPTION	PRICE (H)
WH-LG25DTS	25 Gallon Tow Behind Sprayer	**431.10**

WorkHorse 25 Gallon Deluxe Spot Sprayer

- 25 US gallon poly tank with large fill mouth.
- Boom Ready – Add either the 2 nozzle or deluxe 7 nozzle boom kit.
- 12-Volt Demand pump; 2.0 GPM – 60 PSI maximum pressure.
- Deluxe pistol grip w/ 15' of hose and adjustable spray tip.
- Pressure gauge (adjustable pressure from 0 to 60 PSI).
- 8-Foot wiring harness with battery clips and switch.
- In-line Shut-off for quick On/OFF spraying.
- 2 Year Manufacturer's warranty from date of manufacture.

PART	DESCRIPTION	PRICE (H)
WH-LG25DSS	25 Gallon Spot Sprayer	**259.00**

ES 300

SPRAY-TECH

- NEW Modular Valve for Ease of Winterizing and Low Cost Repairs
- 10 foot Spring Loaded Auto Reset Breakaway Boom
- 30 Imperial Gallon Polyethylene Plastic Tank
- Trigger Action Wand c/w 25 foot Hose
- 2.5" Glycerine Filled Pressure Gauge
- Right and Left Boom Control
- Adjustable Pressure Relief Valve
- Non-Drip Nozzle Bodies
- Large Floatation Turf Tires (16.5 x 6.50 x 8)
- Large Deep Sump c/w Drain Hose Flush Plug
- 12 Volt Pump and Large 3" Filter

PART	DESCRIPTION	PRICE (F)
ES300	30 IMP. Gallon Sprayer	**939.50**

WorkHorse 40 Gallon Deluxe Tow Behind Sprayer

- 40 US gallon poly tank with drain and large fill mouth – 5 inch tethered lid.
- 3-Section 7 nozzle boom with 110° fan spray tips covers approximately 140 inches.
- 12-Volt demand Power-Flo™ pump: 2.0 GPM – 60 PSI maximum pressure.
- Adjustable pressure range (0 to 60 PSI) – pressure gauge included.
- Deluxe pistol grip spray gun w/ 25' of hose and adjustable brass tip.
- 8-Foot wiring harness w/ battery clips and ON/OFF switch; commercial grade fuse.
- Heavy duty corrosion resistant frame; hitch pin included.

PART	DESCRIPTION	PRICE (H)
WH-LG407DTS	40 Gallon Tow Behind Sprayer w/ 7 nozzle boom	**815.70**

WorkHorse 40 Gallon 3-Point Sprayer

- 40 US gallon poly tank with drain and large fill mouth – 5 inch tethered lid.
- 4-Nozzle boom with standard 110° flat fan spray tips – 120" total spray coverage.
- Deluxe pistol grip spray gun w/ 25' of hose and adjustable brass tip.
- 12-Volt demand Power-Flo™ pump: 2.0 GPM – 60 PSI maximum pressure.
- Adjustable pressure range (0 to 60 PSI) – pressure gauge included.
- 8-Foot wiring harness w/ battery clips and ON/OFF switch; commercial grade fuse.

PART	DESCRIPTION	PRICE (H)
WH-LG4043PT	40 Gallon 3-Point 4-Nozzle Sprayer w/ spray gun	**667.05**

WorkHorse 40 Gallon Utility Skid Mount Sprayer

- 40 US gallon poly tank with drain and large fill mouth – 5 inch tethered lid.
- Deluxe pistol grip spray gun w/ 25' of hose and adjustable brass tip.
- 12-Volt demand Power-Flo™ pump: 2.0 GPM – 60 PSI maximum pressure.
- Adjustable pressure range (0 to 60 PSI) – pressure gauge included.
- 8-Foot wiring harness w/ battery clips and ON/OFF switch; commercial grade fuse.
- **Optionally use with 2-Nozzle (WH-ATV002BK) or 7-Nozzle (WH-007BK) spray boom – can be mounted on ANY side of the sprayer. Boom sold separately.**

PART	DESCRIPTION	PRICE (H)
WH-UTL401	40 Gallon Utility Skid Mount Sprayer w/ spray gun	**496.85**

WorkHorse 40 Gallon Utility Skid Mount Boomless Sprayer

- 40 US gallon poly tank with drain and large fill mouth – 5 inch tethered lid.
- 2-Nozzle boomless tip quick detach spray boom – 24' total spray coverage.
- Shut-off valves to spray left or right independently.
- 12-Volt demand Power-Flo™ pump: 4.0 GPM – 45 PSI maximum pressure.
- Adjustable pressure range (0 to 45 PSI) – pressure gauge included.
- Deluxe pistol grip spray gun w/ 25' of hose and adjustable brass tip.
- 8-Foot wiring harness w/ battery clips and ON/OFF switch; commercial grade fuse.

PART	DESCRIPTION	PRICE (H)
WH-UTL40BL	40 Gallon Utility Skid Mount Boomless Sprayer	**702.10**

WorkHorse 40 Gallon Boomless 3-Point Sprayer

- 40 US gallon poly tank with drain and large fill mouth – 5 inch tethered lid.
- 2-Nozzle boomless tip quick detach spray boom – 24' total spray coverage.
- Shut-off valves to spray left or right independently.
- 12-Volt demand Power-Flo™ pump: 4.0 GPM – 45 PSI maximum pressure.
- Adjustable pressure range (0 to 45 PSI) – pressure gauge included.
- Deluxe pistol grip spray gun w/ 25' of hose and adjustable brass tip.
- 8-Foot wiring harness w/ battery clips and ON/OFF switch; commercial grade fuse.

PART	DESCRIPTION	PRICE (H)
WH-LG40BL3PT	40 Gallon Boomless 3-Point Sprayer w/ spray gun	**761.20**

WorkHorse 60 Gallon 3-Point Sprayer

- 60 US gallon poly tank with drain and large fill mouth – 5 inch tethered lid.
- 3-Section 7 nozzle boom with 110° fan spray tips covers approximately 140 inches.
- 12-Volt demand Power-Flo™ pump: 2.0 GPM – 60 PSI maximum pressure.
- Adjustable pressure range (0 to 60 PSI).
- Deluxe pistol grip spray gun w/ 25' of hose and adjustable brass tip.
- 8-Foot wiring harness w/ battery clips and ON/OFF switch; commercial grade fuse.

PART	DESCRIPTION	PRICE (H)
WH-LG6073PT	60 Gallon 3-Point 7-Nozzle Sprayer w/ spray gun	**783.50**

Shown with boom extended and optional Honda engine.

GT110 Greens and Tees Sprayer

Even-Spray is very proud to offer the GT110 Greens and Tees Sprayer into the turf market. The sprayer will fit most, if not all, 4' utility vehicle boxes, which make it versatile without having to maintain a dedicated sprayer unit. Spray boom has two scissor hinges (not shown) which allow the boom to flip upwards for ease of transportation from spray site to spray site and also for storage in equipment buildings.

The GT110 is built with industry-quality components you would typically find on much more expensive spray units.

- 100 US Gallon Poly Tank capacity.
- Jet agitation to keep suspension and wettable powder chemicals and soluble fertilizers in solution.
- Sump area in tank for complete drainage.
- Anti-vortex tank fitting to eliminate the pump from sucking air as tank empties.
- Drain line supplied for quick clean outs.
- Hypro PowerPro 6.5 HP engine.
- Hypro 1538 Centrifugal pump for smooth pressure and high volumes.
- Spray boom is 10', three section break away with 10" nozzle spacings.
- Boom telescopes up / down for boom height adjustment and horizontally to allow for clearance in longer utility vehicle boxes.
- 17Y manual valve to select any boom section you wish on or off.
- 143ALGH6 Gunjet complete with 25' of hose.
- Ratchet-type tie-down system for quick mounting; no vehicle modifications are required.
- Two locking brackets at rear to secure sprayer to vehicle box.

Options available at additional cost:

- Honda GX160 5.5 HP engine.
- TeeJet 430 Manifold (shown at right) with 744 Console Control Box.

Optional TeeJet 430 Manifold shown above.

PART	DESCRIPTION	PRICE
GT110	Base GT110 Sprayer less Boom	**CALL**
GT110BOOM	GT110 10 Foot, 3 Section Boom	**CALL**

Sprayers and Applicator

Truck Sprayer
- 200 imperial gal. tank.
- Tank agitation.
- Drain line for tank clean out.
- Heavy duty galvanized steel tube frame.
- 16" lid (optional locking lid).
- Manual 300' hose reel – 3,000 PSI max.
- Suction filter and all necessary plumbing.

Pick the type of sprayer needed from the following list. Sprayer may be used primarily to apply liquid lawn fertilizer or large tree sprayer.

Lawn Sprayer

- 9910D30GRGIH diaphragm pump with PowerPro™ 6.5 HP.
- 300' ½" NRV hose.
- 256601.5 liquid fertilizer gun.

Tree Sprayer

- 9910D503GRGIH diaphragm pump with PowerPro™ 9 HP.
- 300' 1/2" 800 PSI high pressure hose.
- Long barrel adjustable tree gun.

Contact us for a price quote on the sprayer best suited to you.

9 Gallon Pull Behind 12V Sprayer
- 9 Gallon polyethylene tank, spray gun with coiled hose, and remote ON/OFF.
- Front mount single fan nozzle sprays up to a 50” wide swath.
- 2-Hour run time; rechargeable 12-volt battery complete with 115-volt charger.
- Perfect for spot spraying or use the included hitch bar adapter for towing.
- A handy sprayer for use in greenhouses; only 24” wide, fits down aisle ways.

PART	DESCRIPTION	PRICE (I)
BRA-PULLSPRAY	9 Gallon Pull Behind Sprayer - 12V rechargeable	**283.05**

Wick Applicator

- Rids garden of unwelcome weeds, including dandelions.
- Cleans fence rows.
- Kills weeds in row crops.
- Lightweight (2½ pounds when filled).
- Easy to use and economical.

DEX-30 Danville Express No Drift Applicator
- Covers 4,000 sq. ft.

Next to the dog house or beside the flower bed, Danville Express direct-lawn applicator eliminates drifting that can harm garden flowers or pets. Puts weed killer or fertilizer only where you want it. Nowhere else.

No pumps are needed; unique gravity-flow design allows you to roll on chemical without harmful over spray. Operate within inches of shrubs and flowers any time without danger. Better than ordinary sprayers, Danville Express direct-lawn applicators spread evenly for a healthier, beautiful lawn.

DEX-4812 Sprayer

Our special brass valve features a nylon liner for years of use with any herbicide or fertilizer chemicals. It releases the chemical solution into a 1" diameter manifold that extends over the full width of the roller. Small holes drilled every ¾" along the manifold serve two purposes. First, they release chemical onto the roller continuously and second, the hole side determines the amount of material released per 1,000 sq. ft.

Gravity flow keeps enough pressure in the manifold to supply the system – no mechanical pumping mechanism is required. Maintenance is simple – just wash the polyethylene tank and roller after every use.

- 12 gal. tank capacity.
- 46 lbs. empty weight (50 lbs. shipping weight)
- Rollers available in 36", 40", 44" and 48".
- Covers 12,000 sq. ft.
- Recommended for lawns of two acres or less where a riding mower would be used.

HYPRO® SOTERA SYSTEMS

Chemtraveller

5 Year Warranty

Shown with Optional Meter

435 Series Chemtraveller Diaphragm Pump – 12V or 115V

- 12 VDC ¼ HP (20 amps) or 115VAC ¼ HP (2 amps).
- Reciprocating spring-driven dual diaphragm design (positive displacement / (self-priming).
- Glass-filled polypropylene pump.
- Polypropylene, Santoprene®, and stainless steel internal wetted parts.
- Cast metal, spray-coated motor.
- Handles viscosities from 1 cps. to 3,000 cps.
- Flow rate: 13 GPM (1.5 cps. fluid); 11 GPM (350 cps. fluid).
- Particulate tolerance up to 1/10" diameter.
- 1" Female NPT Inlet / Outlet.
- 15 PSI Maximum outlet pressure.
- 9" dry vacuum (pump may run dry without damage).
- Maximum shear (agitation) of pump fluids.
- 14" x 8 ¾" x 4⅝"; 15.5 pounds (7.03 kilograms)
- Inlet strainer required, must be ordered separately.
- 5-Year Warranty on Pump; 1-year Warranty on Meter

PART	DESCRIPTION	PRICE (F)
435	12 Volt Chemtraveller Less Meter	**1460.70**
465-713	115 Volt Chemtraveller – less Meter	**1673.40**

850 Series Meter

- Air sensing Digital Flow Meter with 1" FNPT ports.
- Air sensing feature stops misreads caused by foam or air in lines.
- Flow Range: 2 – 20 US GPM; Maximum Pressure: 120 PSI.
- Accurate to +/- 0.2%.
- Calibrates in ounces, pints, quarts, litres, gallons; special option available
- Range: 9,999 current total; up to 10,000,000 accumulated total.
- Glass-filled polypropylene body; Ryton 302 stainless steel chamber.
- Easy-to-read LCD dial.
- Use at pump end or at hose end.
- Includes 2 "AA" batteries and pocket-sized calibration chart.

PART	DESCRIPTION	PRICE (F)
850	Flow Meter with Air Sensor	**392.05**

825 Series Meter

- Non-Air sensing Digital Flow Meter with 1" FNPT ports.
- 20 stored settings to match a wide range of popular chemicals listed.
- Can be used with a range of liquids with different viscosities.
- Accurate to +/- 0.2%.
- Easy-to-read LCD dial; easy-to set up and use.
- Use at pump end or at hose end.
- Includes 2 "AA" batteries and pocket-sized calibration chart.

PART	DESCRIPTION	PRICE (F)
825	Flow Meter No Air Sensor	**305.95**

SF-1100-PTS

The SF-1100-PTS system comes with the FM-1100. Pump-mounted Flow Meter.

The **SHURflo AG Runner™** system is ready to take anywhere. The AG Runner™ is portable, flexible, and extremely versatile, especially for those that use multiple containers. The entire system is mounted in a sturdy, easy-to-carry, welded frame and includes:

- SF-1100 Chemical Transfer Pump with 12VDC Motor, 20 ft. cable, Alligator Clips, and in-line Fuse.
- FM-1100 (Pump Mount) or FM-1100-1 (In-line Mount) Flow Meter (features large LCD display, simple calibration, and long-life lithium batteries).
- 1" NPT x 12' EPDM Discharge Hose with Ball Valve / Spout.
- 1" NPT x 12' EPDM Inlet Hose with Elbow / Ball Valve / Fitting (1") assembly with Locking Cam Arms.
- Pump Performance: Maximum 15 PSI; 10.7 GPM; capable of priming up to 12 feet.

PART	DESCRIPTION	PRICE (E)
SF-1100-PTS	SHURflo AG Runner™ Transfer System - complete	**1634.40**
SF-1100	Stand Alone Pump with 20 ft. Cable	**824.00**
FM-1100-I	Inline Flow Meter	**385.15**

Cox ½" Manual Wind Hose Reel

- All welded powder-coated steel "A" frame for superior strength and durability.
- Permanently lubricated self-aligning bearings for trouble-free and smooth rotation.
- Adjustable tension brake to prevent "free-wheeling" during operation.
- Long-handled locking pin to secure reel from rotation during transportation / storage.
- 3,000 PSI operating capacity.
- Solid brass machined 90° swivel with ½" FNPT port and Nitrile seals.
- Capacity: 325' of ½" ID hose; up to 450' of 3/8" ID hose (reducer required).

PART	DESCRIPTION	PRICE(F)
HR	Manual wind hose reel – 325' capacity, ½" brass swivel	**466.20**

Cox 1" Manual Wind Hose Reel

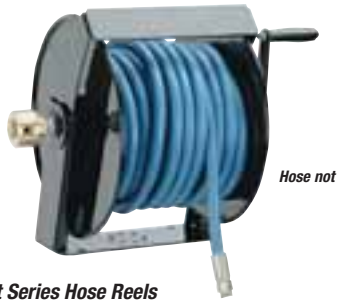
- All welded powder-coated steel "A" frame for superior strength and durability.
- Permanently lubricated self-aligning bearings for trouble-free and smooth rotation.
- Adjustable tension brake to prevent "free-wheeling" during operation.
- Long-handled locking pin to secure reel from rotation during transportation / storage.
- 3,000 PSI operating capacity.
- Nickel plated steel 90° swivel with 1" FNPT port and AFLAS seals.
- Capacity: 100' of 1" ID hose; up to 150' of ¾" ID hose (reducer required).

PART	DESCRIPTION	PRICE(F)
HR1	Manual wind hose reel – 100' capacity, 1" brass swivel	**737.85**

Cox ½" Electric Wind Hose Reel

- All welded powder-coated steel "A" frame for superior strength and durability.
- Heavy-duty gear-driven reversible motor. 1/3 HP 12-volt DC (non-CSA).
- Permanently lubricated self-aligning bearings for trouble-free and smooth rotation.
- 3,000 PSI operating capacity.
- Solid brass machined 90° swivel with ½" FNPT port and Nitrile seals.
- Capacity: 325' of ½" ID hose; up to 450' of 3/8" ID hose (reducer required).

PART	DESCRIPTION	PRICE(F)
HRE	Electric wind hose reel – 325' capacity, ½" brass swivel	**950.20**



Hose not included

Cox Swivel Mount Series Hose Reels

- Professional grade heavy-duty steel construction with durable proprietary CPC™ powder coat process; solid one-piece heavy gauge steel frame.
- Unique hose control bar keeps hose from slipping off the disc from any direction.
- Adjustable tension brake to prevent "free-wheeling" during operation / transport.
- Maximum 4,000 PSI operating capacity.
- Optional 8-position swivel mount wall mount bracket with lock pin sold separately.

PART	DESCRIPTION	PRICE(F)
HRSM100	Swivel Mount Hose Reel – 100' capacity, 3/8" brass swivel	**325.30**
HRSM125	Swivel Mount Hose Reel – 125' capacity, ½" brass swivel	**358.00**
HRSM250	Swivel Mount Hose Reel – 250' capacity, ½" brass swivel	**333.90**

Cox 12 Volt Hose Reel Accessories

For use with Cox ¾" Electric Hose Reel (model # HRE).

PART	DESCRIPTION	PRICE(F)
HRCB	40 Amp Circuit Breaker	**47.25**
HRSOLENOID	Solenoid Switch	**94.50**
HRSWITCH	Push ON/OFF Switch	**31.20**

Roller Bracket

For use with Cox ½" Hose Reels (HR & HRE models).

PART	PRICE(F)
HRROLLER	**236.20**

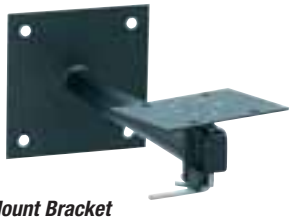
3/8 & 1/2" 3/4" 1"

Hose Reel Swivels

PART	DESCRIPTION	PRICE(F)
HRS-3/8	3/8" Swivel – 3000 PSI	**62.85**
HRS-1/2	½" Swivel – 1250 PSI	**97.60**
HRS-3/4	¾" Swivel – 1500 PSI	**147.50**
HRS-1	1" Swivel – 300 PSI	**244.75**

Cox Reel Swivel Repair Kits

PART	DESCRIPTION	PRICE(F)
HRS-3/8KIT	Repair Kit for 3/8" Swivel	**18.70**
HRS-1/2KIT	Repair Kit for ½" Swivel	**11.60**
HRS-3/4KIT	Repair Kit for ¾" Swivel	**13.45**



Wall Mount Bracket

For use with Cox Swivel Mount Series hose reels. Pivoting base for wall mount only. As shown.

PART	PRICE(F)
HRSMBR-W	**126.95**

Other Cox hose reel models and accessories available by special order – please call us for further details!

SUPER REELS by F/S Manufacturing

Model HRE200

SUPER REEL

Features:

- Heavy Duty Construction
- 12V Motor with Hand Control
- Manual Crank Handle Included
- Guide Tubes for Easy Retrieval
- Liquid Lock Steel Swivel
- Manual Clutch Lockout for Easy Pull-Out
- 2-Way Wireless (optional) and Manual Switches

Options:

- Stainless Steel Swivel (2" or 3" models only)

Model HRE100

Model HRE300

Liquid Lock Steel Swivel

Product Specifications:

Model	Dimensions	Weight	Hose Capacity	* NOTE: Manual Crank Handles adds 5" to width.
HRE100	22"L x 29"W* x 22"H	132 lbs / 60 kg	100' of 1" Suction Hose	
HR/HRE200	29"L x 31"W* x 27"H	150 lbs / 68 kg	75' of 2" Suction Hose	
HRE300	41"L x 31"W* x 39"H	255 lbs / 116 kg	75' of 3" Suction Hose	

PART	DESCRIPTION	PRICE (J)
HRE100	1" Electric Hose Reel w/ Stainless Steel Swivel	**993.95**
HRE200	2" Electric Hose Reel	**1602.25**
HRE200SS	2" Electric Hose Reel w/ Stainless Steel Swivel	**1792.20**
HRE300	3" Electric Hose Reel	**2304.85**
HRE300SS	3" Electric Hose Reel w/ Stainless Steel Swivel	**2526.20**
HRWR	Hose Reel Wireless Remote	**147.20**

Introducing The BETTER Chemical Handling Management System – The

STRAIGHTSHOT

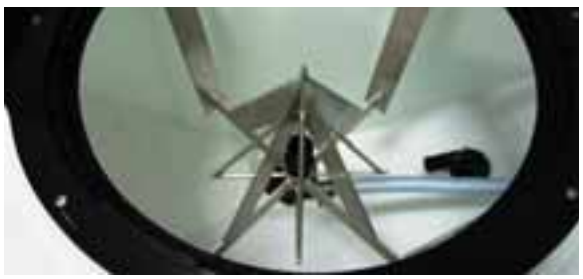
CHEM STATION

With a plumbing system perfected in the field over two years, the StraightShot ChemStation has been designed with the user in mind. Engineered to deliver unsurpassed speed, designed to take up less space on the deck with its 36" x 20" foot print frame, and configured for easier access by the user. This is the chemical management system you may wish you always had.

Equipped with genuine Banjo® Manifold fittings, and the familiar jug-slitter knife, the StraightShot ChemStation can handle everything you can throw at it – whether it's jugs, barrels, totes, or powders.

*Standard features on the **StraightShot** ChemStation include:*

- The fill line through the ChemStation is a "straight shot" to the sprayer – no elbows or turns of any kind to decrease fill time.
- High-Speed venturi will induct chemical up to 30% faster than previous products.
- Back-sloping tank design allows most of the plumbing to be positioned under the tank to save deck space – about 28% less space than other products take up.
- All controls are located on the front where the user can easily get to them.
- Equipped standard with not one, but TWO tank rinsers on either side of the tank, The dual rinsers provide better rinse action to the top of the tank as well as out and down. This means the entire tank is rinsed better and the knife system is also better rinsed of chemical.
- 3" Plumbing is standard (hose connections may be reduced to 2" on request).
- 44 US Gallon (167 litre) tank capacity with 16" Hinged Lid – standard.
- Jug Rinser – standard.
- Tank Fill / Agitator – standard.
- Fresh water valve with 12 feet of hose for general clean-up / rinsing – standard.
- Steel frame with powder-coated paint for durability – standard.
- Steel utility box for gloves, goggles, safety equipment, etc. – standard.



Ultra-Sharp Jug Slitter Knife with Jug Rinsing Feature

OPTIONAL BULK INDUCTION METERING SYSTEM (BIMS)

The optional BIMS allows the user to meter chemical directly into the flow line to the sprayer using the venturi to pull even the most viscose chemicals from totes or barrels – eliminates the need for a herbicide pump. The air-sensing Sotera 850 meter is included with the BIMS option.

Also included with the BIMS is a separate flow line which allows you to detach the hose from the bulk container, connect it to the StraightShot, and rinse it out with the turn of a valve.

PART	DESCRIPTION	PRICE(H)
STRAIGHTSHOT	StraightShot ChemStation – without Bulk Induction Metering System	**CALL**
STRAIGHTSHOT-I	StraightShot ChemStation – with Bulk Induction Metering System	**CALL**

Flow Meters

Banjo Flow Meter Features:

- Displays overall total volume and batch total volume!
- Flow rate allows for Gallons or Litres Per Minute.
- The display reads 6 digits for Rate, 8 digits for Total, and 1 decimal reading in tenths.
- Magnetic style meter with Stainless Steel Electrodes.
- Self calibrating meter.
- Measures water and most conductive liquids.
- Operates on six (6) easy-to-change AA batteries.
- Reliable - No moving parts to fail during operation.
- Durable - Glass-reinforced polypropylene
- Temperature range from 0º F to 150º F (-17º C to 65º C).
- NOTE: It is recommended to have at least 24 inches of straight pipe before and after the flow meter to ensure desired performance.

FM100 1" Full Port Female NPT Flow Meter

- Accuracy is 99% from 2 to 110 GPM.

PART	DESCRIPTION	PRICE (F)
FM100	1" Full Port FNPT x FNPT Flow Meter	**1163.15**

MFM100 1" Full Port Manifold Flow Meter

- Accuracy is 99% from 2 to 110 GPM.

PART	DESCRIPTION	PRICE (F)
MFM100	1" Full Port Manifold x Manifold Flow Meter	**1163.15**

MFM220 2" Full Port Manifold Flow Meter

- Accuracy is 99% from 6 to 300 GPM.

PART	DESCRIPTION	PRICE (F)
MFM220	2" Full Port Manifold x Manifold Flow Meter	**1321.60**

MFM300 3" Full Port Manifold Flow Meter

- Accuracy is 99% from 14 to 670 GPM.

PART	DESCRIPTION	PRICE (F)
MFM300	3" Full Port Manifold x Manifold Flow Meter	**1658.65**

ULV Applicators

Twister XL³ Motorized Knapsack ULV Sprayer

Featuring a remarkable nozzle and blower system that outperforms the competition in value, durability, and performance, the Twister XL³ is the most impressive ULV backpack applicator in the world.

- Ideal for use around golf courses, campgrounds, parks, farms, etc.
- Excellent for use to control mosquitoes and flies.
- 90% of the droplets under 20 microns at a flow rate less than 6.0 oz per minute (178 ml/min).
- Powered by a Tanaka PureFire, 2-cycle, 40 CC low emission 2.2HP engine. (7500 RPM).
- High speed rotary-type blower; 3 stage, belt driven, 95 CFM unrestricted. 3 PSI Maximum.
- Interchangeable metering orifice regulates flow from 1.5 oz per minute to 17 oz per minute (45 to 500 ml per minute).
- Tank Capacity: 3.78 L formulation, 1 L gasoline
- High strength, welded aluminum tube frame.
- 11.8 kgs (26 lbs) dry weight.

PART	DESCRIPTION	PRICE (I)
TWISTERXL3	Motorized Knapsack ULV Sprayer	**CALL**

Fogmaster Jr. Utility ULV Fogger

- Control flying insects on patios and lawns, hotel room smoke odours, or apply BT or soap solutions to gardens. Mist cut flowers and interior foliage.
- Easy to use, twist power head, and pour in your solution.
- Adjust fog output with rotary valve; 15 to 40 micron droplet size.
- 110-volt power cord.
- 946 ml. (1 quart) liquid capacity.

PART	DESCRIPTION	PRICE (I)
FOGMASTER-JR	ULV Sprayer – 946 ml. tank	**187.30**

Hurricane Ultra Low Volume Applicator

Capable of dispensing both oil and water-based products, the Hurricane can be used with disinfectants, deodorizers, germicides, and insecticides. Used extensively in greenhouses, warehouses, and other commercial applications.

- Adjustable output of 0 to 5 gallons per hour and droplet size.
- Translucent leak-proof 3.8 L capacity tank with drain plug.
- Three precision nozzles for greater output capacity
- 110 V motor with 20,000 RPM continuous duty.
- Dimensions: 13” L x 8” W x 14” H; weight 4.5 kgs (10 lbs) empty.

PART	DESCRIPTION	PRICE (I)
HURRICANE	Hurricane ULV Applicator	**CALL**

Anileator™ Ultra Low Volume Applicator

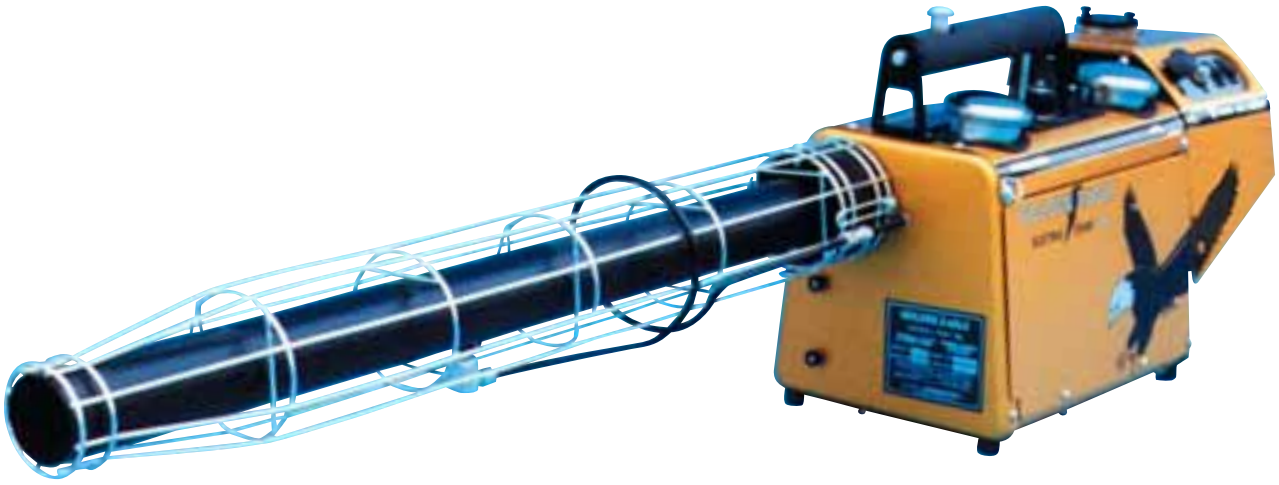
Designed and developed exclusively for controlling mosquitoes and other potentially dangerous flying insects; perfect for home or farm.

- No dangerous liquid fuels or pressurized tanks required.
- Easy operation - nothing to adjust; low maintenance design.
- Spill and leak-proof formula tank. Capacity: 3.8 L (1 US gallon).
- Quiet, 110 V electrical operation.
- Rubberized, non-slip handle; chemical / water resistant switch cover.
- Adjustable tilting head for multi-angle spraying.
- Dimensions: 10” diameter tank; unit 14” high.
- Weight: 3.0 kgs (6.6 pounds) empty.

PART	DESCRIPTION	PRICE (I)
ANILEATOR	Anileator ULV Applicator – 3.8 L tank	**CALL**

Thermal Foggers

CURTIS DYNA-FOG



Golden Eagle™ Thermal Fogger

The Golden Eagle Thermal Fogger easily, efficiently, and economically dispenses oil-based insecticides, fungicides, germicides, disinfectants, odour control, and other chemical products.

The Golden Eagle features a revolutionary new electric starting system to assure greater reliability, effectiveness, fuel efficiency, and ease of operation eliminating the need for manual starting.

No other machine surpasses the Golden Eagle's application capacity or its speed in completing difficult chemical application jobs at warehouses, factories, greenhouses, parks, campgrounds, cattle/swine/poultry operations, and much more.

Specifications:

- Formulation Output: Thermal aerosol fog, resonant pulse principle – 0 - 9 gallons / hour; 0.5 - 50 micron droplet size.
- Engine Performance: 30 HP, 22 KW.
- Fuel Consumption: 0.5 gallons / hour.
- Tank Capacities: 1.0 L Fuel, 4.2 L formulation.
- Power Supply: 8 x 1.5 V D-size alkaline batteries or auxiliary 12 V cigarette lighter adapter (supplied).
- Dimensions: 52" long x 9.5" wide x 14.5" high.
- Weight (empty): 8.6 kgs (19 lbs)
- Weight (full): 12.2 kgs (27 lbs)

PART	DESCRIPTION	PRICE (I)
GOLDEN	Golden Eagle Fogger	**CALL**

Falcon™ Thermal Fog Applicator

Designed to easily, effectively, and economically dispense oil-based insecticides, fungicides, germicides, disinfectants, and other chemical products. Use in warehouses, factories, food processing plants, greenhouses, parks, golf courses, campgrounds, swine/poultry houses, and much more.

The simply engineered stainless steel engine and starting system design means the Falcon is easy to operate, reliable to run, and starts consistently. Fog outputs are easily metered with interchangeable orifices (included).

The ergonomically designed tank design (with large easy-to-remove fuel and formulation caps) conforms to the operator's body.

Specifications:

- Formulation Output: Thermal aerosol fog, resonant pulse principle – 0 - 11 GPH; 0.5 - 50 micron droplet size.
- Engine Performance: 30 HP, 22 KW.
- Fuel Consumption: 0.5 gallons / hour.
- Tank Capacities: 2.2 L Fuel, 6.2 L formulation.
- Power Supply: 6 x 1.5 V AA-size alkaline batteries or auxiliary 12 V cigarette lighter adapter (supplied).
- Dimensions: 52" long x 12.5" wide x 12.3" high.
- Weight (empty): 6.7 kgs (14.8 lbs)
- Weight (full): 14.9 kgs (32.8 lbs)

PART	DESCRIPTION	PRICE (I)
FALCON	Falcon Thermal Fog Applicator	**CALL**

Gilmour GARDENING INNOVATION Pruning Tools

- Telescopes 9" to 31"
- Hardened and Tempered Top Blade
- Serrated and Notched Bottom Blade
- Oval and Cushioned Handles
- Shock Absorbing Bumpers

PART	DESCRIPTION	PRICE (G)
354-9	Telescoping Hedge Shear	**36.35**

Professional Bypass Shears
- Hardened and tempered, precision ground steel blade.
- ¾" diameter cutting capacity.
- 8½" overall length.
- Cast aluminum handles with vinyl coated grips.
- Adjustable tension.
- Heavy-duty external spring.

PART	DESCRIPTION	PRICE (G)
123	Professional Pruner	**34.85**

45 Bypass Lopper
- Hardened and tempered, precision ground steel blade with rustproof EverCut coating.
- 1" diameter cutting capacity.
- Sap groove prevents sticky build-up on blade.
- Extra strong oval steel handles with vinyl grips.
- 20" overall length.

PART	PRICE (G)
45	**22.45**

24" Bow Saw
- Hardened and tempered "raker" tooth blade for fast cutting and long life.
- Handle design allows for large branch cutting.
- Easy blade replacement.

PART	DESCRIPTION	PRICE (G)
524	24" Bow Saw	**15.80**
524B	Replacement Blade for 524 Saw	**5.85**

570 Curved Saw
- 16" curved laquered steel blade.
- Sharp, deep-set teeth.
- Durable hardwood handle.

PART	DESCRIPTION	PRICE (G)
570	16" Curved Blade Saw	**26.40**

49 Anvil Lopper
- 1 ¼" diameter cutting capacity for dry or hard branches.
- Hardened and tempered, precision ground steel blade with non-stick coating.
- Extra strong oval steel handles with comfort grip over-mold.
- 27" overall length.

PART	DESCRIPTION	PRICE (G)
49	Anvil Lopper	**24.10**

Felco Lopper Shears
Felco lopper shears are ergonomically designed and constructed for durability and comfort with the professional user in mind.
- Lightweight aluminum handles with comfort grips.
- Anvil blade made of high-quality hardened steel.
- Easy, durable cutting adjustment.
- Curved cutting heads for easier pruning work.
- Shock absorbers protect wrists and hands.
- All parts are replaceable.

PART	DESCRIPTION	PRICE (I)
FELCO22	33" Lopper Shear	**218.90**
FELCO210A60	24" Lopper Shear	**122.75**
FELCO210A50	20" Lopper Shear	**114.95**

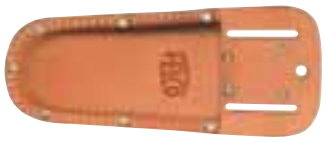
Felco 2
- Length 8½"
- Weight 8½ oz.

PART	DESCRIPTION	PRICE (I)
FELCO2	Pruner - "The Original"	**65.70**
FELCO-F8	RH Pruner - Ergonomic Grip	**63.15**
FELCO-F9	LH Pruner - Ergonomic Grip	**63.15**

NOTE: RH = Right Hand LH = Left Hand

Felco 600 Pruner
There is nothing ordinary about this patented blade design. The shape of the blade is thinner at the top and thicker at the bottom – where the teeth are. This unique feature keeps only the teeth in contact with the material to be cut. This prevents clogging and binding, since the sides of the blade never come in contact with the wood.
- Cuts branches up to 4" (10 cm) dia.
- 14" (35 cm) overall length.
- 6" (16 cm) blade, 4.9 oz. (140 g)

PART	DESCRIPTION	PRICE (I)
FELCO600	Saw	**29.65**
FELCO600-3	Blade	**23.80**



Felco Holster for Pruning Shears
For belt or pocket, high tension metal clip on back.

PART	PRICE (I)
FELCO91	**14.10**

Felco Lubricant Spray
The rapidly biodegradable Felco spray uses a 100% synthetic-based non-stick formula that remains stable with age and oxidation, and will never become resinous. It has been specially developed for cleaning all mechanical parts of gardening and workshop tools. The Felco universal spray protects all types of metals permanently against corrosion and provides an effective waterproof coating. Does not contain butane gas.

PART	DESCRIPTION	PRICE (I)
FELCOF980	1.89 fl. oz.	**16.85**

Hoses and Clamps

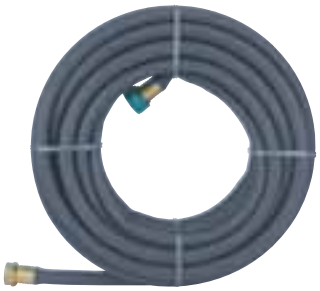
Flexogen Hose

- Lifetime replacement policy

PART	DESCRIPTION	PRICE/FT. (G)
FLEX-5/8	5/8" per FT.	.80
FLEX-3/4-25	3/4" x 25'	47.75
FLEX-3/4-50	3/4" x 50'	70.45
FLEX-3/4-75	3/4" x 75'	102.90
FLEX-3/4-100	3/4" x 100'	137.80
FLEX-1-100	1" x 100'	246.90

Commercial Red Hose

PART	DESCRIPTION	PRICE (G)
COMM3/450	3/4" x 50'	48.00
COMM3/475	3/4" x 75'	69.55



Weeper Hose

PART	DESCRIPTION	PRICE (G)
WEEPER50	50'	28.15

Farm Red Hose

PART	DESCRIPTION	PRICE (G)
FARMHOSE	5/8" x 90'	63.95

Lay-Flat PVC Hose

PART	DESCRIPTION	PRICE/FT. (F)
PVCL1	1" I.D.	.60
PVCL112	1 1/2" I.D.	.55
PVCL2	2" I.D.	.60
PVCL3	3" I.D.	.95
PVCL4	4" I.D.	1.40
PVCL6	6" I.D.	2.40

Nylon Reinforced (NRV) Hose

PART	DESCRIPTION	PRICE/FT. (F)
NRV14	1/4" I.D.	.50
NRV38	3/8" I.D.	.70
NRV12	1/2" I.D.	.90
NRV58	5/8" I.D.	1.20
NRV34	3/4" I.D.	1.40
NRV1	1" I.D.	2.10
NRV114	1 1/4" I.D.	3.90
NRV112	1 1/2" I.D.	4.65
NRV2	2" I.D.	6.85

PVC Suction Hose

PART	DESCRIPTION	PRICE/FT. (F)
PVCS34	3/4" I.D.	1.05
PVCS1	1" I.D.	1.15
PVCS114	1 1/4" I.D.	1.65
PVCS112	1 1/2" I.D.	1.70
PVCS2	2" I.D.	2.35
PVCS2.5	2 1/2" I.D.	3.90
PVCS3	3" I.D.	4.60
PVCS4	4" I.D.	7.60

Clear Vinyl Hose

PART	DESCRIPTION	PRICE/FT. (F)
CLEAR14	1/4" I.D.	.25
CLEAR38	3/8" I.D.	.35
CLEAR12	1/2" I.D.	.45
CLEAR58	5/8" I.D.	1.10
CLEAR34	3/4" I.D.	1.25
CLEAR10	1" I.D.	1.70

Braided Sprayer Hose - Per Foot

PART	DESCRIPTION	PRICE (F)
SPR1BR1/2	2 Spiral, 1/2" 150 PSI	1.05
SPR2BR3/8	4 Spiral, 3/8" 250 PSI	.95
SPR2BR1/2	4 Spiral, 1/2" 250 PSI	1.30
SPR2BR3/4	4 Spiral, 3/4" 250 PSI	1.75
SPR2BR1	4 Spiral, 1" 200 PSI	2.35

Rubber Discharge Hose

PART	DESCRIPTION	PRICE/FT. (F)
RD114	1 1/4" I.D.	3.70
RD112	1 1/2" I.D.	4.00
RD2	2" I.D.	5.00
RD3	3" I.D.	7.10
RD4	4" I.D.	9.85

Rubber/Wire Suction Hose

PART	DESCRIPTION	PRICE/FT. (F)
RS114	1 1/4" I.D.	5.35
RS112	1 1/2" I.D.	5.45
RS2	2" I.D.	6.45
RS3	3" I.D.	9.75
RS4	4" I.D.	14.10

High Pressure PVC Hose - Yellow

PART	DESCRIPTION	PRICE/FT. (F)
HP38-600	3/8" 600 PSI	1.05
HP12-600	1/2" 600 PSI	1.50
HP34-600	3/4" 600 PSI	4.00

Hose Cutter

PART	PRICE (G)
0725-0005	27.00
0725-0006 BLADE	14.90

Stainless Steel Gear Clamps

PART	MIN.	MAX.	AVERAGE	PRICE (C)
HAS4M	1/4"	5/8"	3/8"	.45
HAS5M	5/16"	7/8"	1/2"	.45
HAS6M	7/16"	7/8"	5/8"	1.60
HAS6	3/8"	3/4"	5/8"	.95
HAS8	1/2"	1"	3/4"	.95
HAS10	9/16"	1 1/8"	7/8"	1.00
HAS12	11/16"	1 1/4"	15/16"	1.05
HAS16	5/8"	1 1/2"	1"	1.05
HAS20	13/16"	1 3/4"	1 1/8"	1.10
HAS24	1 1/16"	2"	1 1/2"	1.15
HAS28	1 7/16"	2 3/8"	1 15/16"	1.20
HAS32	1 9/16"	2 1/2"	2"	1.25
HAS36	1 13/16"	2 3/4"	2 1/4"	1.30
HAS40	2 1/16"	3"	2 1/2"	1.35
HAS44	2 5/16"	3 1/4"	2 13/16"	1.40
HAS52	2 13/16"	3 3/4"	3 3/16"	1.50
HAS64	3 9/16"	4 1/2"	4"	1.65
HAS72	4 1/8"	5"	4 1/2"	1.75
HAS88	5 1/8"	6"	5 1/2"	1.90
HAS96	5 5/8"	6 1/2"	6"	1.95
HAS104	6 1/8"	7"	6 1/2"	2.15

Stainless Steel Super Clamps

- Stainless steel T-bolt with silver plated nut to prevent seizing with nylon lock nut.
- 360° sealing surface.
- Ideal for high torque applications.
- Strong, positive connections.
- 3 spot welds for extra strength.

PART	DESCRIPTION	PRICE (C)
TC120	1.20" / 1.34"	10.35
TC130	1.30" / 1.70"	10.35
TC150	1.50" / 1.75"	10.45
TC162	1.62" / 1.87"	10.45
TC181	1.81" / 2.06"	10.45
TC193	1.93" / 2.18"	10.70
TC206	2.06" / 2.40"	10.95
TC218	2.18" / 2.50"	10.70
TC224	2.24" / 2.55"	10.95
TC231	2.31" / 2.62"	10.95
TC250	2.50" / 2.81"	10.95
TC287	2.87" / 3.18"	10.95
TC312	3.12" / 3.49"	11.20
TC331	3.31" / 3.62"	11.70
TC343	3.43" / 3.75"	11.70
TC425	4.25" / 4.56"	12.65
TC438	4.38" / 4.76"	21.05
TC456	4.56" / 4.94"	21.05

Gilmour GARDENING INNOVATION

Comfort Grip Nozzle
- Molded on, black vinyl grip is cushioned for comfort.
- Male hose threaded front for attaching accessories.

PART	PRICE (G)
593	9.30

Insulated Pistol Grip Nozzle
- Insulated molded grip for spraying hot or cold water.
- Male garden hose threaded front for attaching accessories.

PART	DESCRIPTION	PRICE (G)
572TFR	Threaded front	10.40

Select-A-Spray Nozzle
- 4-position dial for spray pattern selection: full action, gentle shower, sharp stream and flat spray.
- Comfortable cushioned vinyl grip (594L).

PART	DESCRIPTION	PRICE (G)
594L	With Grip	16.80

Full Size Zinc Pistol Grip Nozzle
- Male threaded front for attaching accessories (573TFL).

PART	DESCRIPTION	PRICE (G)
573L	Non-Threaded Front	5.90

Mid Size Zinc Pistol Grip Nozzle
- Polymer valve with fixed nut.
- Die-cast zinc body.
- Hold open clip for continuous spray.

PART	PRICE (G)
564L	4.90

Full Size Solid Brass Twist Nozzle
- Four large openings at nozzle tip for full flow.
- Replaceable front and rear O-ring seals for leakproof shut-off.
- Precise tip angle eliminates side spray.
- Adjustable from fine spray to needle stream to heavy rinse.
- Fast 3 turns from closed to open.
- Heavy-duty solid brass construction.

PART	PRICE (G)
528T	10.75

Water Shut-Off Valve
- Zinc construction (withstands hot water temperatures up to 160˚F).
- Shut-off valve controls water flow; saves water and time.
- Cap type valve handle resists breakage.

PART	DESCRIPTION	PRICE (G)
05VL	Zinc	5.70

Zinc "Y" Shut-off Connectors
- Rugged zinc die cast.
- Water temperatures up to 160˚F.
- Twin shut-off valves.
- Cap type valve handles resist breakage.
- Full ball and retainer rings reduce leakage, even at low pressure.

PART	PRICE (G)
15	7.95

Nylon "Y" Shut-off Connectors
- Durable, rustproof polymer.
- Not good for high temperatures.
- Twin shut-off valves.
- Cap type valve handles resist breakage.
- Full ball and retainer rings reduce leakage, even at low pressure.

PART	PRICE (G)
17	3.95

Female Male

Brass Quick Connector Set
- Allows the most water flow of any quick connector systems.
- Use with 07V or 05V water shut-off valves for on/off water flow control.
- Features a push-pull ring to connect/disconnect hose and hose end attachments easily.
- Easily attaches to nozzle /sprinkler for quick connection to hose.
- Heavy-duty solid brass construction for long life.
- Incl. 1 male and 1 female connector.

PART	DESCRIPTION	PRICE (G)
09QC	Connector Set	9.25
09QCM	Male Connector Only	3.95
09QCF	Female Connector Only	7.85

Female Male

Hose End Quick Connector Set
- Easily connects hose to sprinkler, nozzle or other hose end accessories.
- Durable, polymer construction.
- Interchangeable with most polymer quick connector systems.
- Includes 1 female hose end connector with shut-off and 2 male hose end adapters.

PART	DESCRIPTION	PRICE (G)
29Q	Connector Set	5.00
29QF	Female Hose End Shut-off Only	4.05
29QM	Male Hose End Quick Connectors (2/card)	1.45

Rubber Hose Washers

PART	DESCRIPTION	PRICE (G)
01RW	10 Pack	1.30

Female Male

Faucet Quick Connector Set
- Easily connects hose to faucet.
- Durable, polymer construction.
- Interchangeable with most polymer quick connector systems.
- Includes 1 female faucet connector and 1 male faucet adapters.

PART	DESCRIPTION	PRICE (G)
39Q	Complete Set	3.95
39QF	Female End Only	2.60
39QM	Male End Only	1.45

Filter Washers
- Molded metal screen.
- Fits all hose couplings.

PART	DESCRIPTION	PRICE (G)
02FW	3 Pack	2.15

¾" Banjo Brand Cam-lock Garden Hose Thread Fittings
- Quick and simple way to connect and disconnect your garden hose and all other watering accessories.
- Never have to use pliers to attach or tighten another garden hose or accessory again!
- Durable, rustproof yellow fibreglass re-enforced poly construction.
- Fits all standard ¾" male and female garden hose threads (GHT).
- Standard ¾" opening inside diameter.

PART	DESCRIPTION	PRICE(F)
GHFT075A	¾" Adapter x Female GHT	5.90
GHMT075F	¾" Adapter x Male GHT	5.90
GHMT075B	¾" Coupler x Male GHT	12.45
GHFT075D	¾" Coupler x Female GHT	12.45

Hose Accessories

Hozon Syphon Mixer

- Accurately applies fertilizer, pesticides and other water soluble chemicals for use in the greenhouse, lawn and garden.
- Sturdy Poly body, in-line check valve.

PART	DESCRIPTION	PRICE (F)
HOZON	Injector	20.40

Note: All chemical mixes should be diluted according to the manufacturer's recommended concentration

FOGG-IT Fog Nozzles

PART	DESCRIPTION	PRICE (F)
FOGG	Super Fine	13.85
FOGGF	Fine	13.85
FOGGL	Low Volume	13.85
FOGGH	Heavy	13.85

Heavy Brass Hose Couple Set

- Individual male or female fittings also sold separately – please inquire.

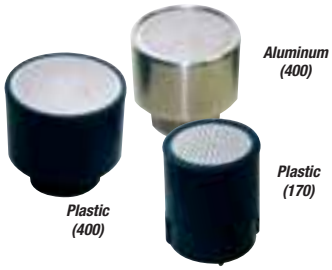
PART	DESCRIPTION	PRICE (G)
HC38	3/8"	6.10
HC12	1/2"	5.65
HC58	5/8"	6.30
HC34	3/4"	6.95
HC10	1"	18.90

Adapter Coupler

PART	DESCRIPTION	PRICE (G)
#03	1/2 NPT x Hose	3.60
#04	3/4 NPT x Hose	4.65

Swivel Connector

PART	DESCRIPTION	PRICE (G)
#01	1/2 NPT x Hose	4.10
#02	3/4 NPT x Hose	4.65
#06	Hose x Hose	4.45



Water Breaker

PART	DESCRIPTION	PRICE (F)
170PL	Plastic	5.85
170AL	Aluminum	14.75
400PL	Plastic	7.00
400AL	Aluminum	22.15
1000PL	Plastic	16.35

Water breaker not included.

Extension

PART	DESCRIPTION	PRICE (F)
DRAMM2	2'	13.25
DRAMM3	3'	14.95
DRAMM4	4'	16.05

03V

PART	DESCRIPTION	PRICE (G)
03V	Single Outlet Brass Shut-Off	6.90

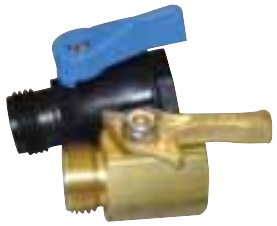
13

PART	DESCRIPTION	PRICE (G)
13	Double Outlet Brass Shut-Off	13.40

Brass Shut-Off

- Extra large handles are easy to grip and turn.
- EZ-on connector assures connection to faucet.
- Heavy-duty brass construction.

PART	DESCRIPTION	PRICE (G)
44GFL	Four Outlet Brass Shut-Off	31.25



- GH in/out

PART	DESCRIPTION	PRICE (F)
74VALVE	Dramm 74 GH Ball Valve	22.15
300	Brass GH Valve	28.80

Male NPT x Female Hose Adapter

PART	DESCRIPTION	PRICE (G)
#07	1/2	3.15
#09	3/4	3.85

Female NPT x Male Hose Adapter

PART	DESCRIPTION	PRICE (G)
#08	1/2	2.80
#10	3/4	3.10

Adapter Nipple

PART	DESCRIPTION	PRICE (G)
#05	3/8 NPT x Hose	4.75
#11	1/2 NPT x Hose	2.70
#12	3/4 NPT x Hose	3.00
#13A	Hose x Hose	3.60

Male Swivel Adapter

PART	DESCRIPTION	PRICE (G)
#14	3/8 NPT x Hose	4.00
#15	1/2 NPT x Hose	3.85
#17	1/4 NPT x Hose	3.80

20R Adapter

PART	DESCRIPTION	PRICE (H)
20R	1" FNPT x MGHT	10.10
HW1	Gasket for 20R	1.05(I)

1" 11/2"

Hose Nozzle

PART	DESCRIPTION	PRICE (G)
FN100	1"	20.95
FN112	1 1/2"	18.30

Socket

Socket

PART	DESCRIPTION	PRICE (E)
QCS14	1/4" Socket Only	6.40
QCS38	3/8 " Socket Only	7.00
QCS12	1/2" Socket Only	12.65

Male

Male Plug

PART	DESCRIPTION	PRICE (E)
QCP14	1/4" Plug Only	2.35
QCP38	3/8 " Plug Only	3.05
QCP12	1/2" Plug Only	4.80

Female

Female Plug

PART	DESCRIPTION	PRICE (E)
QCP14F	1/4" Fem. Plug Only	2.35
QCP38F	3/8" Fem. Plug Only	3.05
QCP12F	1/2" Fem. Plug Only	4.80

Quick Coupler Socket O-Rings

PART	DESCRIPTION	PRICE (E)
QC14-OR	O-Ring - 1/4" Socket	.45
QC38-OR	O-Ring - 3/8" Socket	.50
QC12-OR	O-Ring - 1/2" Socket	.60

HONDA ENGINES Gas Engines

Honda GX160 Series Engine (5½" HP)

PART	DESCRIPTION	PRICE (I)
GX 160U1HX6	Oil Alert 6:1	**643.95**
GX 160U1LX6	Oil Alert	**640.20**
GX 160UTQH6	Engine	**433.10**
GX 160UTQX6	Oil Alert	**448.25**
GX 160UQXC6	Oil Alert	**575.80**
GX 160UQXE6	Electric Oil Alert	**678.05**
GX 160U1RH6	Engine	**671.75**
GX 160UTTX6	Oil Alert	**489.90**

Honda GX270 Series Engines (9 HP)

PART	DESCRIPTION	PRICE (I)
GX 270UHX26	Oil Alert	**948.25**
GX 270UTQA6	Oil Alert	**782.85**
GX 270UQAE6	Electric	**1016.45**
GX 270UQH26	Engine	**767.70**
GX 270UQXC6	Oil Alert	**839.65**
GX 270UQXE6	Electric Oil Alert	**1010.15**
GX 270URH26	Engine	**978.55**
GX 270UVXE6	Engine	**940.70**

Honda GX340 Series Engines (11 HP)

PART	DESCRIPTION	PRICE (I)
GX 340U1HX6	Oil Alert	**1020.25**
GX 340U1LX6	Oil Alert	**1018..95**
GX 340U1QA6	Oil Alert	**919.20**
GX 340UQAE6	Electric Oil Alert	**1064.40**
GX 340UVXI6	Engine	**935.65**

Honda GX390 Series Engines (13 HP)

PART	DESCRIPTION	PRICE (I)
GX 390UQXC6	Oil Alert	**1104.80**
GX 390UTQA6	Oil Alert	**984.85**
GX 390UQAE6	Electric Oil Alert	**1130.10**
GX 390UQNE6	Electric Oil Alert 10 amp.	**1294.20**

Honda GX620 Engine (20 HP)

PART	DESCRIPTION	PRICE (I)
GX 630RQXF	Electric Less Muffler	**2361.15**

Note: Muffler not included

Honda GX670 Engine (24 HP)

PART	DESCRIPTION	PRICE (I)
GX 690RTXF	Electric Less Muffler	**2714.70**

Note: Muffler not included

Muffler for 20/24 HP Honda Engines

PART	PRICE (I)
MUFFLER	**198.45**

- 25 litre (5.5 imp gallons).
- Polyethylene.
- Fuel gauge.
- Cap has manual vent and baffled to restrict fuel leakage.
- ¼" NPT fuel pick-up connection.

PART	DESCRIPTION	PRICE (I)
Gastank	Fuel tank w/frame for 20/24 HP	**186.15**

PowerPro™ Gasoline Engines

HYPRO®

Features & Benefits:

- Available in multiple horsepower models for use in agriculture, industrial, and lawn & garden applications.
- Electric start option for quick and easy start up.
- Overhead valve for cleaner operation; flat head on 2.5 HP.
- Most common repair parts stock items for Even-Spray.
- Engines can be configured to various Hypro pumps models or sold individually.
- Supported with a one year warranty from Hypro.
- Dedicated technical and Hypro service support number – **1-800-769-3777**.

PowerPro Gasoline Engines, Recoil Start

PART	HP	SHAFT TYPE	PRICE (E)
2549-0043	2.5	⅝" Keyed	**400.30**
2543-0043	5.5	¾" Keyed	**373.65**
2543-0045	6.5	¾" Keyed	**453.35**
2543-0046	6.5	⅝" Threaded	**511.75**
2541-0047	9.0	1" Keyed	**894.35**
2541-0048	13.0	1" Keyed	**1202.65**
2543-0050	13.0	1" Threaded	**1202.65**

PowerPro Gasoline Engines, Electric Start

PART	HP	SHAFT TYPE	PRICE (E)
2543-0053	6.5	¾" Keyed	**673.00**
2541-0055	6.5	⅝" Threaded	**788.50**
2543-0051	13.0	1" Threaded	**1369.85**

Powerease Gasoline Engines

- 7 HP 210cc Recoil start engine with Oil Alert and ¾" keyed shaft.
- 15 HP 420cc Recoil start engine with Oil Alert and 1" keyed shaft.

PART	DESCRIPTION	PRICE (I)
POWEREASE7	7 HP, ¾" Shaft	**216.70**
POWEREASE15	15 HP, 1" Shaft	**428.35**

Pumps and Foot Valves

TrunkPump™

TrunkPump turns pumping into an easy one-person job and saves time, money and labour because your tractor does all the hard work.

The **TP-2PTP** high-pressure self-priming pump is designed specifically irrigation or high head / pressure applications where moderate volume is required.

Other TrunkPump models available for water transfer / dewatering applications.

TP-2PTP 2" High Pressure Pump

- Die Cast, Self-priming PTO-powered centrifugal Aluminum Pump
- 120+ GPM; 18 feet' of suction head, 88 PSI (75 PSI @ 30 GPM)
- Silicone Carbide seal
- Heavy-duty steel construction.

PART	DESCRIPTION	PRICE (G)
TP-2PTP	2" HP PTO-Pump	**CALL**

HP-2065HR High Pressure 2" Transfer Pump

High pressure system operates at 65 PSI; ideal for lawn sprinkling and fire fighting.

- 2" NPT inlet and outlet Aluminum Pump.
- Honda GX200 6.5HP engine with Oil Alert.
- 126 gallons per minute Maximum Flow.
- 197' Total Lift (@ 85 PSI).
- Solids through pump not recommended.

PART	DESCRIPTION	PRICE(H)
HP-2065HR	2" High Pressure Pump	**753.50**

NSPHE Series Self Priming Pump

PART	DESCRIPTION	PRICE (I)
SPHE-S100	1 HP, 20 GPM @ 40 PSI	**527.95**
SPHE-S150	1½ HP, 31 GPM @ 40 PSI	**602.75**
SPHE-S200	2 HP, 47 GPM @ 40 PSI	**672.35**
NSPHE300	3 HP, 70 GPM @ 40 PSI	**1699.10**

HP-2013HR High Pressure Transfer Pump

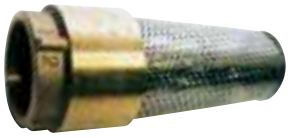
The HP-2013HR pump with Honda engine is an excellent choice
for irrigation or as a firefighting pump.

- 2" Male NPT inlet and outlet Aluminum Pump.
- Honda GX390 13HP engine with Oil Alert.
- 140 gallons per minute Maximum Flow.
- 330' Total Lift (@ 145 PSI).
- Solids through pump not recommended

PART	DESCRIPTION	PRICE(H)
HP-2013HR	2" High Pressure Pump	**1321.70**

PVC Foot Valves

PART	DESCRIPTION	PRICE (E)
FVPVC0750	¾"	**10.95**
FVPVC1000	1"	**12.80**
FVPVC1250	1¼"	**17.40**
FVPVC1500	1½"	**18.60**
FVPVC2000	2"	**22.25**
FVPVC3000	3"	**124.90**



Heavy Duty Bronze Foot Valve

- Includes perforated stainless steel strainer.

PART	DESCRIPTION	PRICE (F)
FV034	¾"	**15.20**
FV100	1"	**20.25**
FV114	1¼"	**27.75**
FV112	1½"	**37.40**
FV200	2"	**63.75**
FV300	3"	**308.45**
FV400	4"	**364.65**

Foot Valve

Leather Flapper

Cast Iron Foot Valves

PART	DESCRIPTION	PRICE (E)
FVCI-2	2" Foot Valve	**42.65**
FVCI-3	3" Foot Valve	**77.35**
FVCI-4	4" Foot Valve	**134.25**
LEATHER2	2" Leather Flapper	**10.70**
LEATHER3	3" Leather Flapper	**13.60**
LEATHER4	4" Leather Flapper	**18.45**
LEATHER6	6" Leather Flapper	**41.30**

Hunter® PSR-22 Pump Start Relay

Required when using an electric pump to draw directly from a well, river, or pond for irrigating.

- Lockable, All-Weather Enclosure
- 24VAC Flying Lead Connections
- Single Phase 2HP @ 110VAC; 5HP @ 240VAC
- Dimensions: 6½" H x 7½" W x 4½" D

PART	DESCRIPTION	PRICE (F)
PSR-22	Pump Start Relay – single phase	**120.50**

NOTE: Other models available; please inquire.

Sprinklers and Components

Quick Coupling Valve

Quick Coupling Cross Reference Chart

KEY PART #	TOP INSIDE FEMALE/ OUTSIDE MALE THREAD SIZE	KEY SIZE	VALVES					
			#3 Valve	#44 Valve	#5 Valve	V075	V101	QBRB5RC10
33K	½" / ¾"	½"	■					
44K	¾" / 1"	¾"		■				
55K	N/A / 1"	1"			■			■
C075	½" / ¾"	½"	■			■		
C101	¾" / 1"	1"					■	
QB5RK10	¾" / 1"	1"			■			■

Rainbird Valves & Keys

KEY PART	PRICE(I)	VALVE PART	PRICE(I)
33K	**50.90**	#3VALVE	**78.60**
44K	**130.25**	#44VALVE	**159.35**
55K	**141.35**	#5VALVE	**144.25**

Buckner Valves & Keys

KEY PART	PRICE(I)	VALVE PART	PRICE(I)
C075	**42.50**	V075	**67.65**
C101	**86.00**	V101	**90.60**
QB5RK10	**94.60**	QBRB5RC10	**101.80**

Roller Base – 22" Wide

PART	DESCRIPTION	PRICE (I)
ROLLERBASE22	For ¾" or 1" Impact Sprinklers	**156.85**

Ring Bases

PART	DESCRIPTION	PRICE (G)
RINGBASE-1/2	½" NPT Outlet	**19.00**
RINGBASE-3/4	¾" NPT Outlet	**20.10**

Brass Swivel Elbows

PART	DESCRIPTION	PRICE (I)
SWIVEL34	¾"	**51.75**
SWIVEL1	1"	**71.10**
SWIVEL134	1" x ¾"	**58.75**

N1973 Whiz Head Rotary Sprinkler

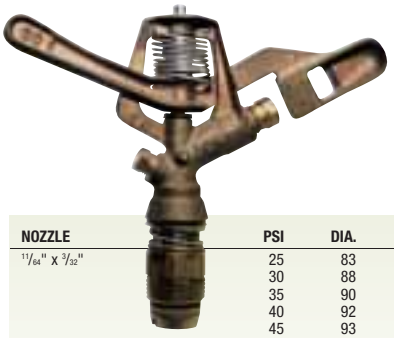
- Ideal for riser installations in planting areas
- ½" Female NPT threaded inlet
- Made of high-impact corrosion resistant polymer
- Stainless steel bearing and large orifice nozzle

WHIZ HEAD	Pressure (PSI)	Flow (GPM)	Coverage Dia. (ft)
	30	3.4	40
	40	3.9	40
	50	4.4	40

PART	DESCRIPTION	PRICE(I)
N1973	Whiz Head Sprinkler	**7.90**

Sprinklers

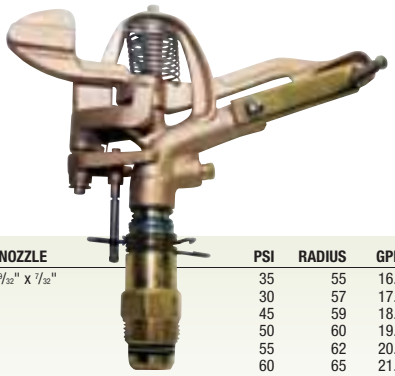
PART	DESCRIPTION	PRICE (I)
SU63	½"	**42.95**
SU261	¾"	**68.80**



NOZZLE	PSI	DIA.	GPM
11/64" x 3/32"	25	83	5.55
	30	88	6.07
	35	90	6.57
	40	92	7.03
	45	93	7.46
	50	95	7.87
	55	96	8.25
	60	97	8.59
	65	98	8.91
	70	99	9.23
	75	100	9.55
	80	101	9.87

¾" Sprinklers

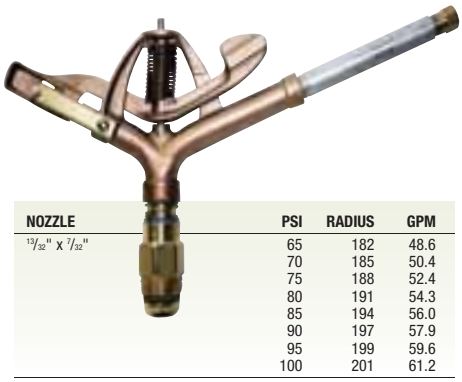
PART	DESCRIPTION	PRICE (I)
2000S	Buckner – replaces Rain-Bird 30H	**33.50**
100255	Rear Plug	**.45**



NOZZLE	PSI	RADIUS	GPM
9/32" x 7/32"	35	55	16.4
	30	57	17.6
	45	59	18.7
	50	60	19.7
	55	62	20.8
	60	65	21.7
	65	67	22.3
	70	70	23.1
	75	71	24.2
	80	72	2.8

WAU360 Sprinkler

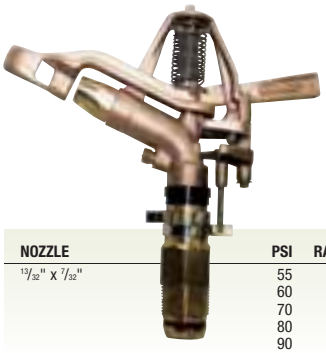
PART		PRICE (I)
WAU360	1" Full / Part Circle	**127.70**



NOZZLE	PSI	RADIUS	GPM
13/32" x 7/32"	65	182	48.6
	70	185	50.4
	75	188	52.4
	80	191	54.3
	85	194	56.0
	90	197	57.9
	95	199	59.6
	100	201	61.2

WAU 400 Sprinkler

PART		PRICE (I)
WAU400	1 ¼" Full Circle	**216.80**



NOZZLE	PSI	RADIUS	GPM
13/32" x 7/32"	55	75	43.4
	60	76	46.6
	70	77	50.4
	80	78	54.3
	90	79	57.9

WAU 460 Sprinkler

PART		PRICE (I)
WAU460	1 ¼" Full / Part Circle	**278.15**

Irrigation Controllers & Rain Sensors

EZ 8100 Series Indoor Controllers

- Available in 4 and 6 zone models.
- Two independent programs, three start times per program.
- Stacking starting times.
- True calendar clock (leap year compatible).
- Scheduling options: Odd / Even, intervals from 1 to 30 days, 7-day calendar, zone run times from 1 minute to 6 hours.
- Long-life Lithium battery keeps correct time and date for up to 1 year.
- Resettable fuse for short circuit zone protection.
- Powered by external 24-volt transformer.
- Rain sensor compatible.

PART	DESCRIPTION	PRICE (F)
N8124US	4-Zone Indoor Controller	**70.45**
N8126US	6-Zone Indoor Controller	**78.30**

Signature

Rain Sensors
N8501 Rain-Trip Sensor

- Automatically shuts off and starts irrigation based on local parameters; saves unneeded watering.
- Adjusts from 1/8" to 1" rainfall.
- 25' of wire and mounting bracket included
- Works with most 24-volt irrigation controllers.

Irritrol RS1000 Wireless Rain Sensor

- 300+ foot operation range.
- Visual sensor status and alert indicators verify consistent operation.
- Adjusts from 1/8" to ¾" rainfall.
- Compatible with most 24-volt irrigation controllers.
- Mounting hardware included with sensor.
- 3-Year manufacturer's warranty.

PART	DESCRIPTION	PRICE (F)
N8501	Wired Rain Sensor	**43.15**
IT-RS1000	Wireless Rain Sensor	**143.40**

EZ Pro 8200 Series Indoor Controllers

- Available in 4, 6, and 9 zone models.
- Exclusive Select & Adjust™ programming.
- Three independent programs, three start times per program.
- Stacking start times.
- True Calendar clock (leap year compatible).
- Scheduling options: Odd / Even; intervals from 1 to 30 days, 7-day calendar. Zone run times from 1 minute to 5 hours and 59 minutes. Events day prevents irrigation from running.
- Water budget option reduces or increases watering by 0 to 200 percent.
- Programmable delay between zones, 1 second to 30 minutes.
- Quick push button rain sensor bypass.
- Two AA alkaline batteries (not included) keep correct time and date for 5 years; unit powered by external 24-volt transformer.
- 1.0 amp self resetting polyswitch for short-circuit zone protection.
- Rain sensor compatible.

PART	DESCRIPTION	PRICE (F)
N8204	4-Zone Controller	**140.90**
N8206	6-Zone Controller	**150.05**
N8209	9-Zone Controller	**156.55**

Solo Rain Single Valve Controllers

8010 Solo Rain Controller

- Single zone valve mounted battery operated controller. Replace 9V battery once per year.
- Single Program capable (1 to 6 hour run time).
- Waterproof: can be submerged in up to 6 feet of water.

8014 Solo Rain Controller

- Single zone valve mounted battery operated controller. 3.6V lithium battery lasts years.
- 6 Program capability (1 to 12 hour run time).
- Waterproof: can be submerged in up to 6 feet of water.

Both models replace standard solenoid on Signature valve

PART	DESCRIPTION	PRICE (F)
N8010	Solo Rain – single program	**139.60**
N8014	Solo Rain – six program	**148.75**

EZ Pro Jr. 8300 Series Indoor/Outdoor Controllers

- Available in 4, 6, 9 and 12 zone models.
- Comes in an indoor / outdoor weather-resistant durable plastic cabinet.
- Three independent programs, three start times per program. Programmable delays between zones of 1 second to 30 minutes.
- Stacking start times.
- True Calendar clock (leap year compatible).
- Scheduling options: Odd / Even; intervals from 1 to 30 days, 7-day calendar. Zone run times from 1 minute to 5 hours and 59 minutes. Events day prevents irrigation from running.
- Quick push button rain sensor bypass.
- Lithium battery back-up stores programs. Two AA batteries keep correct time and date for 5 years. Powered by 24-volt internal transformer.
- Rain sensor compatible.

PART	DESCRIPTION	PRICE (F)
N8304	4-Zone Controller	**221.80**
N8306	6-Zone Controller	**227.00**
N8309	9-Zone Controller	**251.80**
N8312	12-Zone Controller	**307.90**

RAIN BIRD

Shown w/ ESP-4M Expansion Module (Sold Separately)

Rain Bird ESP Modular Indoor Controller

- 4-zone residential indoor controller; can be increased to 13 zones with 3-zone expansion modules (sold separately).
- Three independent programs, 4 starts per program.
- Station timing from 0 to 6 hours (all stations).
- Custom (by day of week), Odd / Even days, or cyclical programming schedules.
- Global seasonal adjust (0 – 200%) allows user to alter the run-time of all valves in every program to meet changing seasonal needs.
- True calendar clock (leap year compatible).
- 5-year lithium battery maintains the time and date for a cumulative life of 5 years during power outages.
- Rain sensor compatible and pump start circuit programmable.
- Outdoor version also available.
- 3-year manufacturer's warranty.

PART	DESCRIPTION	PRICE (F)
RB-ESP-4MI	4-Zone Indoor Controller	**263.35**
RB-ESP-SM3	3-Zone Expansion module	**100.75**
RB-ESP-4M	4-Zone Outdoor Controller	**309.15**

Irrigation Solenoid Valves and Accessories

Signature 7900 Series 24-Volt Solenoid Valves

- Pressure Range: 10 – 150 PSI
- Flow Range: 1 – 30 GPM
- 1" FNPT ports
- Body and bonnet made of glass-reinforced nylon to prevent leaks and cracks
- Two models available – with or without external flow control.
- Directly compatible with SoloRain® actuators
- Repair kits and solenoids also available

FLOW	PRESS. LOSS
GPM	PSI
1	4.0
5	2.5
10	2.0
15	2.5
20	3.5
25	4.5
30	6.5

PART	DESCRIPTION	PRICE (F)
N7901	1" Globe Valve	**39.40**
N7911	1" Globe Valve w/ flow control	**44.15**
N7962	24-Volt Solenoid only	**24.50**
N77369	N7901 Diaphragm Repair Kit	**8.05**
N77363	N7911 Diaphragm Repair Kit	**8.05**

Signature 9515NC 24-Volt Solenoid Valve

- 1½" FNPT inlet and outlet
- Pressure Range: 15 – 200 PSI
- Flow Range: 15 – 150 GPM
- Body and bonnet made of glass-reinforced nylon to prevent leaks and cracks
- Manual internal bleed is easy to operate –just twist the solenoid ¾ turn clockwise
- External flow control valve – allows adjustment as needed

FLOW	PRESS. LOSS
GPM	PSI
15	3.0
20	3.0
30	3.5
40	3.7
50	3.9
60	4.0
80	5.0
100	6.0
120	8.0
140	10.0

Signature 9520NC 24-Volt Solenoid Valve

- 2" FNPT inlet and outlet
- Pressure Range: 15 – 200 PSI
- Flow Range: 15 – 200 GPM
- Body and bonnet made of glass-reinforced nylon to prevent leaks and cracks
- Manual internal bleed is easy to operate –just twist the solenoid ¾ turn clockwise
- External flow control valve – allows adjustment as needed

FLOW	PRESS. LOSS
GPM	PSI
50	2.9
60	3.0
80	3.5
100	4.2
120	6.5
140	8.2
160	11.0
180	11.5
200	16.5
140	10.0

PART	DESCRIPTION	PRICE (F)
N9515NC	1 ½" Globe Valve	**122.25**
N9520NC	2" Globe Valve	**129.35**
N7962	24-Volt Solenoid only	**24.50**
N77496	Diaphragm Repair Kit	**35.75**

Rain Bird DV-100 Series Solenoid Valve

- 1" Female NPT inlet and outlets
- Pressure Range: 15 – 150 PSI
- Flow Range: 0.2 – 40 GPM
- External bleed to manually flush system of dirt and debris during installation and system start-up
- Internal bleed for spray-free manual operation

PART	DESCRIPTION	PRICE (F)
RB-DV100	1" Rain Bird 24 volt Solenoid	**45.15**

Rain Bird PGA Series Solenoid Valves

- 150 PGA Valve:1 ½" Female NPT inlet and outlets
- 200 PGA Valve: 2" Female NPT inlet and outlets
- Pressure Range: 15 – 150 PSI
- Flow Range: 0.2 – 40 GPM
- External bleed to manually flush system of dirt and debris during installation and system start-up
- Internal bleed for spray-free manual operation
- Fabric-reinforced diaphragm for longer life
- Rugged PVC construction for reliable operation

PART	DESCRIPTION	PRICE (F)
RB-150PGA	1 ½" Rain Bird Valve	**159.90**
RB-200PGA	2" Rain Bird Valve	**216.35**

Valve Box

Valve Boxes

PART	DESCRIPTION	PRICE (F)
809	8" Round X 9" Valve Box w/ Lid	**CALL**
809-C	Lid for 809 Valve Box	**CALL**
910	10" Round x 10" Valve Box w/ Lid	**CALL**
910-C	Lid for 910 Valve Box	**CALL**
1419-6	14" x 19" x 6" Valve Box w/ Lid	**CALL**
1419-12	14" x 19 x 12" Valve Box w/ Lid	**CALL**
1419-C	Lid for 1419 Series Valve Boxes	**CALL**
1220-6	15" x 22" x 6" Valve Box w/ Lid	**CALL**
1220-12	15" x 22 x 12" Valve Box w/ Lid	**CALL**
1220-C	Lid for 1220 Series Valve Boxes	**CALL**

Other sizes available; please inquire.

24-Volt Transformer

- Converts 120-Volt to 24-volt AC 0.83 Amp electricity for use with irrigation timers.
- Grounded 110V plug to Female "Spade" leads

PART	DESCRIPTION	PRICE (F)
N75316	115V to 24V Transformer	**40.85**

Irrigation Marker Flags

- Use for marking out new irrigation installations, to locate irrigation heads prior to lawn aeration or other yard work and other commercial site work.
- Available in a range of colours; sold in singles or in bundles of 50 (in one colour). Call for available colours and indicate when ordering

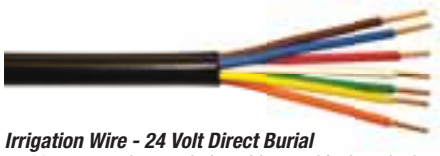
PART	DESCRIPTION	PRICE (F)
NFLAG-*	Irrigation Marker Flag – 1's	**.45**
NFLAG-*-50	Irrigation Marker Flag – 50's	**17.05**

Dual Check Backflow Valve

Protects your municipal water source from backflow contamination. Consult your local municipal by-laws for requirements.

- Available in ¾" and 1" Female NPT sizes.
- CSA-Approved.
- Max. temp.: 180ºF (82ºC); max. pressure: 150 PSI.

PART	DESCRIPTION	PRICE (E)
DUALCHECK3/4	Dual Check Valve ¾"	**53.35**
DUALCHECK1	Dual Check Valve 1"	**66.90**



Irrigation Wire - 24 Volt Direct Burial

- 18-gauge colour-coded, multi-strand jacketed wire.
- Available in 7 and 10 strand.

PART	DESCRIPTION	PRICE (F)
WIRE7	7 Strand 24V, 18-gauge Wire /ft.	**.75**
WIRE10	10 Strand 24V, 18-gauge Wire /ft.	**1.10**

NOTE: Copper wire prices subject to change without notice.

In-Ground Irrigation Heads

Signature RAIN BIRD

Signature 5500 Rotor

- 18’ to 32’ radius spray pattern.
- Operating pressure: 20 – 65 psi.
- Discharge: 0.5 – 2.5 GPM.
- ¾” FNPT bottom inlet.
- Constructed of high impact plastic and all internal metal parts are made of stainless steel.
- No tools required to adjust spray pattern from 40º to 360º using Click-Set® disc.
- 4 inter-changeable nozzles.

PART	DESCRIPTION	PRICE (F)
N5500	18’ to 32’ 5500 Rotor	**23.00**

Signature 6000 Rotor

- 30’ to 51’ radius spray pattern.
- Operating pressure: 20 – 65 psi.
- Discharge: 1.0 – 9.5 GPM.
- ¾” FNPT bottom inlet.
- Constructed of high impact plastic and all internal metal parts are made of stainless steel.
- N6005 features a stainless steel sleeve, HD spring,
- No tools required - adjust pattern from 40º to 360º w/ Click-Set® disc.
- 8 inter-changeable nozzles.

PART	DESCRIPTION	PRICE (F)
N6000	30’ to 51’ 6000 Rotor	**22.45**
N6005	6000 Series w/ S.S. sleeve	**35.10**

Signature 6500 Rotor

- 44’ to 60’ radius spray pattern.
- Operating pressure: 40 – 75 psi.
- Discharge: 2.8 – 13.2 GPM.
- 1” FNPT bottom inlet.
- Constructed of high impact plastic and all internal metal parts are made of stainless steel.
- No tools required to adjust spray pattern from 40º to 360º using Click-Set® disc.
- 4 inter-changeable nozzles.

PART	DESCRIPTION	PRICE (F)
N6500	44’ to 60’ 6500 Rotor	**41.90**

Rain Bird 3504-PC Rotor

Greener grass with less water – Rain Curtain™ Nozzles deliver superior performance.

- 15’ to 35’ radius spray pattern.
- Operating pressure: 25 – 55 psi.
- Discharge: 0.54 – 4.6 GPM.
- Full and part circle adjustment from 40 to 360 degrees.
- ½” FNPT bottom inlet.
- Top-adjust arc with standard flathead screwdriver can reduce spray radius by up to 25%.
- Water-lubricated gear-drive design for durable, reliable operation.
- 6 inter-changeable nozzles.

PART	DESCRIPTION	PRICE (F)
RB-3504PC	15’ to 35’ 3504-PC Rotor	**31.55**

Rain Bird 5004+ SAM Series Rotor

Unmatched performance for residential to light commercial applications.

- 25’ to 50’ radius spray pattern.
- Operating pressure: 25 – 65 psi.
- Discharge: 0.73 – 9.63 GPM.
- Full/part circle pattern - 40 to 360º.
- ¾” FNPT bottom inlet.
- Top-adjust arc with standard flathead screwdriver can reduce spray radius by up to 25%.
- Seal-A-Matic (SAM)™ check valve prevents puddling and erosion caused by low head drainage.
- Water-lubricated gear-drive design for durable, reliable operation.
- 12 inter-changeable nozzles.

PART	DESCRIPTION	PRICE (F)
RB-5004PLPCSAM	25’ to 50’ 5004 Rotor	**29.80**

Rain Bird Maxi-Paw Impact Head

- 22’ to 45’ radius spray pattern.
- Operating pressure: 25 – 60 psi.
- Discharge: 1.5 – 8.4 GPM.
- Full/part circle pattern - 20 to 360º.
- Combo ½” or ¾” FNPT bottom inlet.
- Distance controller diffuser pin.
- Excellent for use in dirty water applications (rivers, ponds).
- 5 inter-changeable (standard) and 2 low-angle (optional) nozzles.

	PSI	RADIUS	GPM
Maxi-Paw Sprinkler w/ Black (#7) Nozzle	25	36’	1.9
	35	38’	2.3
	45	39’	2.5
	55	41’	2.8
	60	41’	2.9

PART	DESCRIPTION	PRICE (F)
MAXIPAW	Maxi-Paw Impact Head	**47.30**
2045	Replacement sprinkler	**29.95**
42064	Maxi-Paw wrench	**19.80**

Signature Pop-Up Spray Heads

- High impact poly body and riser with stainless steel inner components.
- Available in 3 pop-up heights: 2 ½, 4, and 12”.
- Operating pressure from 15 - 60 PSI.
- ½” FNPT bottom inlet.
- Spray pattern, radius, and GPM vary based on the nozzle used with pop-up head.
- Nozzles sold separately.

PART	DESCRIPTION	PRICE (F)
N6302X	2 ½” Pop-up head less nozzle	**4.50**
N6304X	4” Pop-up head less nozzle	**4.90**
N6312X	12” Pop-up head less nozzle	**15.35**

Rain Bird Pop-Up Spray Heads

- UV-resistant poly body and riser with stainless steel inner components.
- Ratchet mechanism allows for easy nozzle alignment.
- Stocked in 2” and 4” sizes; 6” and 12” available by special order.
- Operating pressure from 15 - 70 PSI.
- ½” FNPT bottom inlet.
- Nozzles sold separately.

PART	DESCRIPTION	PRICE (F)
RB-1802	2” Pop-up head less nozzle	**6.90**
RB-1804	4” Pop-up head less nozzle	**4.15**

Signature 6700 Mini Impact Head

- 23’ to 43’ radius spray pattern.
- Operating pressure: 25 – 60 psi.
- Discharge: 1.5 – 6.3 GPM.
- Full/part circle pattern - 20 to 360º.
- Combo ½” or ¾” FNPT bottom inlet.
- Distance controller diffuser pin.
- Excellent for use in dirty water applications (rivers, ponds).
- 5 inter-changeable (standard) and 2 low-angle (optional) nozzles.

	PSI	RADIUS	GPM
6700 Sprinkler w/ Blue (#8) Nozzle	25	38’	2.4
	35	40’	2.9
	45	40’	3.2
	55	41’	3.7
	60	42’	3.8

PART	DESCRIPTION	PRICE (F)
N6700	6700 Mini Impact Head	**33.30**
N1370	Replacement sprinkler	**9.70**
N8601	6700 Series wrench	**24.40**

Nozzles for Signature brand and Rain Bird series Pop-up Spray heads are interchangeable and come in a range of fixed and variable patterns. Nozzle prices vary and c/w filter screen. Popular styles featured below.

SPRAY PATTERN	Signature #	PSI	RADIUS (ft)	PRICE (F)	Rain Bird #	PSI	RADIUS (ft)	PRICE (F)
360º full circle	N7074	15 - 30	11’ to 15’	**1.85**	RB-15F-MPR	15 - 30	11’ to 15’	**2.30**
270º ¾ part circle	N7073	15 - 30	11’ to 15’	**1.85**	RB-15TQ-MPR	15 - 30	11’ to 15’	**2.30**
240” ⅔ part circle	N7075	15 - 30	11’ to 15’	**1.85**	N/A	N/A	N/A	N/A
180º ½ circle	N7072	15 - 30	11’ to 15’	**1.85**	RB-15H-MPR	15 - 30	11’ to 15’	**2.30**
90º ¼ circle	N7071	15 - 30	11’ to 15’	**1.85**	RB-15Q-MPR	15 - 30	11’ to 15’	**2.30**
Square	N7081	15 - 30	18’ – 24’	**1.85**	N/A	N/A	N/A	N/A
End Strip	N7082	15 - 30	4’ x13’ – 15’	**1.85**	RB-15EST-MPR	15 - 30	4’ x13’ – 15’	**2.30**
Center Strip	N7083	15 - 30	4’ x 26’ – 30’	**1.85**	RB-15CST-MPR	15 - 30	4’ x 26’ – 30’	**2.30**
Side Strip	N7084	15 - 30	4’ x 26’ – 30’	**1.85**	RB-15SST-MPR	15 - 30	4’ x 26’ – 30’	**2.30**
Variable Circle – 4’ to 18’ Radius	Varies	20 - 30	7’ to 18’	**2.00**	Varies	15 - 30	4’ to 18’	**2.40**

PSI	GPM
20	1.3
30	1.6
40	1.8
50	1.9
60	2.0

Plastic Bubbler

PART	PRICE (F)
N7300	**1.90**

Nozzle Shrub Adapter

PART	PRICE (F)
N6300	**1.30**

Irrigation Pipe and Accessories

100 PSI Premium Grade HD Poly Irrigation Pipe
- Rated for 100 PSI working pressure @ 23º C; 300 PSI burst strength.

PART	DESCRIPTION	WALL THICKNESS (in)	AVERAGE I.D. (in)	PRICE (H)
POL100-12	½" X 100'	0.070	0.622	**25.30**
POL100-12-400	½" X 400'	0.070	0.622	**101.05**
POL100-34	¾" X 100'	0.085	0.824	**37.70**
POL100-34-400	¾" X 400'	0.085	0.824	**150.75**
POL100-1	1" X 100'	0.108	1.049	**58.15**
POL100-1-300	1" X 300'	0.108	1.049	**174.30**
POL100-114	1 ¼" X 100'	0.143	1.380	**101.25**
POL100-114-300	1 ¼" X 300'	0.143	1.380	**303.65**
POL100-112	1 ½" X 100'	0.166	1.610	**137.20**
POL100-112-250	1 ½" X 250'	0.166	1.610	**342.25**
POL100-2	2" X 100'	0.214	2.067	**226.80**
POL100-2-200	2" X 200'	0.214	2.067	**453.55**

PLD Maximum Line Length Chart		0.4 GPH	
Pressure (PSI)	Emitter Spacing Maximum Lateral Length (FT)		
	12"	18"	24"
15.0	344	475	594
20.0	479	660	823
25.0	509	703	879
30.0	535	742	928
35.0	584	808	1010
40.0	627	868	1086
45.0	646	894	1119

Professional Landscape Drip Line (PLD)
The new PLD applies water slowly and evenly for consistent and accurate distribution. Water soaks in gradually, easily reaching its intended target. Great for landscape setting or row crop type applications, there is a PLD to meet your requirements.
- In-line pressure compensating emitters with built-in check valves ensure even flow over a variety of terrains.
- Three choices of emitter spacings – 12", 18" (for landscapes), and 24" for agricultural row crops.
- Kink-resistant and flexible – easy to work into virtually any creative landscape planting plan.

PART	DESCRIPTION	FEATURES	PRICE (E)
PLD-12-FOOT	PLD 12" Spacing Drip Line @ 0.4 GPH	100 GPH total output based on 250' length	**.60**
PLD-18-FOOT	PLD 18" Spacing Drip Line @ 0.4 GPH	67 GPH total output based on 250' length	**.60**
PLD-24-FOOT	PLD 24" Spacing Drip Line @ 0.4 GPH	50 GPH total output based on 250' length	**.50**
PLD-MB12	Barb x ½" male adapter	Quick & Easy Inserts (no clamps)	**1.05**
PLD-MB34	Barb x ¾" male adapter	Quick & Easy Inserts (no clamps)	**1.05**
PLD-CPL	Barbed Coupling	Quick & Easy Inserts (no clamps)	**.50**
PLD-ELB	Barbed Elbow	Quick & Easy Inserts (no clamps)	**.55**
PLD-TEE	Barbed Tee	Quick & Easy Inserts (no clamps)	**.70**
PLD-ENDCAP	Drip Line End Cap	Removable cap allows for easy flusing of drip line.	**2.15**
PLD-YLS120	¾" Y-Strainer w/ Flush Cap (120 mesh)	Large surface area filtering element	**19.15**

**NOTE: Professional Landscape Drip Line also available in 250' rolls – call for pricing.*

BigGulp UltraMax
Ideal for removing water from sprinkler repairs, valve boxes, or any area where you need to move water away in a hurry!
- 12+ Gallons (45.4 litres) per minute capacity.
- Super smooth pumping action for faster water removal with less effort.
- Contoured rubber handle.
- Push-button cleaning system enables easy maintenance.
- 36" Tall with 36" flexible discharge hose.

PART	DESCRIPTION	PRICE (K)
BIG-GULP	BigGulp Ultra Max	**48.60**

Water Line Air Drain Valve
- Used on all irrigation systems that require fall time "blow-out" of residual water before freeze up.
- Female Garden Hose Thread x Male Schrader One-Way Stem Valve.

PART	DESCRIPTION	PRICE (G)
204	Water Line Air Drain Valve	**7.85**

HeadChecker
An indispensible tool for testing and maintaining irrigation nozzle discharge pressures to achieve highly uniform coverage from sprinkler systems.
- Solid Brass Pilot tube.
- 160 PSI Liquid-filled gauge.
- Great for measuring pipeline pressures.

PART	DESCRIPTION	PRICE (K)
HEADCHECKER	Irrigation PSI Tester	**35.80**

Micro and Drip Irrigation

Shrubbler® 360° Adjustable Flow

- Simple finger-tip cap control for flow adjustment
- Spike for positioning; break-off barb adapter
- Side entry barb (0.16") for direct attachment to supply line
- 13 gph @ 30 psi with 36" diameter coverage
- Also available in 180º spray pattern

PART	DESCRIPTION	PRICE (F)
SHRUBBLER360	360º Shrubbler w/Adjustable Flow	**1.30**

Midi Drip™ Emitter Spike

- Economical and precise watering of individual containers
- Can be taken apart for servicing and cleaning
- Suitable for landscapes and container-grown plants
- 1 gph @ 15 psi
- .16" barb fitting; spike height 4.9"

PART	DESCRIPTION	PRICE (F)
MIDIDRIP	Midi Drip Emitter Spike w/.16" Barb	**1.40**

Rigid Riser 18" with barbed .16" adapter

- Used throughout a micro irrigation system with micro emitters
- Can be used with Asta® Stake
- .16" barbed adapter on one end; opposing end accepts threaded emitter
- UV-stabilized materials for long life

PART	DESCRIPTION	PRICE (F)
RISER18	18" Rigid Riser w/.16" Barb Adapter	**1.30**

Vari-Jet™ 180° & 90° Adjustable Flow and Throw

- Integrated valve controls radius and flow volume
- Choice of spray patterns - 180° or 90°
- UV-stabilized materials for long life
- 10-32 UNF thread for installation on rigid riser
- 180°: 10 – 30 psi, 0 – 31 gph, 0 – 10.6' radius
- 90°: 10 – 30 psi, 0 – 31 gph, 0 – 10.3' radius

PART	DESCRIPTION	PRICE (F)
VARIJET180	180º Jet Spray w/ Adjustable Flow	**1.80**
VARIJET90	90º Jet Spray w/ Adjustable Flow	**1.80**

Vari-Flow BARB X BARB

Vari-Flow UNF X UNF

Vari-Flow™ Shut-Off Valves

- Flow control valves for low pressure irrigation
- Simple on-off operation and straight through flow
- Operating Pressure: up to 45 PSI at 38º Celsius
- Available with barb x barb or 10-32 UNF x 10-32 UNF threads
- Excellent for use with drippers in landscapes or for hanging basket applications in the greenhouse

PART	DESCRIPTION	PRICE (F)
VARIFLO	Vari-Flow – barb x barb	**1.40**
VARIFLO-UNF	Vari-Flow – UNF x UNF	**1.40**

Asta® Stake 21"

- Provides a simple solution to a variety of spray heights in landscapes
- 21" stake provides stability with extra height
- Fits all .270" OD vinyl tubing or .300" rigid riser
- UV-stabilized materials for long life

PART	DESCRIPTION	PRICE (F)
STAKE21	21" Asta® Stake	**3.30**

Vari-Rotor Spray™ Mini Sprinkler

- "C" frame design for strength and uniform distribution
- Full flow spinner suspended between two bearings
- 10-32 UNF thread for installing into Rigid Riser
- UV-stabilized materials for long life
- 15 – 30 psi, 0 – 33 gph, 0 –27' diameter pattern

PART	DESCRIPTION	PRICE (F)
VARIROTOR	Vari-Rotor Spray Mini-Sprinkler	**2.35**
ADAPTER-UNF-1/2	UNF thread to ½" MNPT	**1.05**

Pressure Regulating Micro Manifold

- 25 psi regulation with 9 pressure controlled outlets
- Each outlet can support drip, micro sprays and/or micro bubblers
- Inlet screen can be removed for cleaning
- Inlet pressure: 20 – 100 psi, outlet pressure: 21 – 28 psi
- Maximum flow per outlet: 23.3 gph
- Inlet base: ½" FNPT; Outlet barb to suit ¼" tubing

PART	DESCRIPTION	PRICE (F)
MANIFOLD	Pressure Regulating Micro Manifold	**21.35**

12" Micro Pop-Up

- ½" MNPT bottom threaded inlet
- 10-32 UNF Thread outlet for use with Antelco Vari-Jet and Vari-Rotor Spray heads
- 12" static height, 22" fully extended
- Agricultural, landscape, and home garden applications
- Shown above with Vari-Rotor (sold separately)

PART	DESCRIPTION	PRICE (F)
MICROPOPUP12	12" Micro Pop-Up	**9.75**

Landscape Drip Irrigation

The Drip Mate® Professional and Sprinkler Conversion Kits come complete with instructions and all of the essential micro-drip components needed to install an efficient drip irrigation system. Use in home and landscaped gardens, container plants, nurseries, and flower beds.

Even-Spray stocks an extensive selection of drip irrigation supplies from Antelco to help you with your drip irrigation plans.

Drip Mate Professional Drip Kit

- Connects directly to a hose tap or can be made to adapt to an existing sprinkler system.
- Constructed from UV-stabilized materials for long life.

Kit Includes:

- 50 feet of 5/8" Mainline Tubing (0,600 ID.)
- 50 feet of ¼" tubing.
- 25 Shrubbler 360º Spikes with adjustable flow.
- Snap-On Tap Adapter.
- Snap-On Filter
- Ratchet Clamp

- Figure 8 End Closure (2).
- Goof Plug (rack of 10).
- Key Punch tool.
- Elbow.
- Tee

PART	DESCRIPTION	PRICE (G)
DRIPPROKIT	Drip Mate Pro Professional Drip Kit	**59.10**

Drip Mate Conversion Kit

- Easily convert an in-ground sprinkler outlet to a micro-drip system for flower beds and containers.
- Constructed from UV-stabilized materials for long life.

Kit Includes:

- 9-Outlet pressure regulating Micro manifold with plugs.
- 100 feet of ¼" tubing.

- 9 Shrubbler 360º Spikes with adjustable flow.

Drip Mate Conversion Kit Set-Up Tips:

- Do not exceed more than 10 feet of ¼" tubing or loss of flow will result at head.
- Shrubbler 360º Spike heads have a flow range of 0 to 12 gallons per hour.

PART	DESCRIPTION	PRICE (G)
DRIPCONVKIT	Drip Mate Sprinkler Conversion Kit	**43.80**

Auto Shut-Off Valve

- 1" Male NPT Inlet x 1" Male NPT Outlet.
- Can be set to allow up to 300 gallons of total flow volume before shutting off.
- Easy turn dial in 10 gallon increments.

PART	DESCRIPTION	PRICE (G)
1106MT	1" Auto Shut-off Valve	**129.95**

Nelson Electronic 2-Zone Watering Timer

- Automatically turns ON / OFF on BOTH outlets.
- Run time of 1 to 360 minutes.
- Rain delay feature.
- Easy to set and use; large LCD display.
- Requires 2 AA batteries (not included).
- Single zone model also available (not shown).

PART	DESCRIPTION	PRICE(G)
56612	Electronic Water Timer – 2 zone	**60.50**
56607	Electronic Water Timer – 1 zone	**45.40**

Distribution and Emitter Tubing

- Used for both outdoor or greenhouse irrigation installations.

PART	DESCRIPTION	PRICE
POL-1/2X50	½" (0.520") ID Thin Wall Poly Pipe – 50' roll	**20.80(G)**
POL-5/8X50	5/8" (0.600") ID Thin Wall Poly Pipe – 50' roll	**23.30(G)**
DRIPTUBE.14-FT	¼" Heavy Duty Drip Tube – 0.14" ID/0.272" OD per FT.	**.40(G)**
DRIPTUBE.15-100	¼" Thin Wall Drip Tube – 0.15" ID/0.225" OD 100' roll	**17.90(G)**
DRIPTUBE.15-50	¼" Thin Wall Drip Tube – 0.15" ID/0.225" OD 50' roll	**11.35(G)**
DRIPTUBE.15-FT	¼" Thin Wall Drip Tube – 0.15" ID/0.225" OD per FT.	**.25(G)**
DRAMMTUBE-24	24" Long Drip Tube for Greenhouse Use	**.30(F)**
DRAMMTUBE-42	42" Long Drip Tube for Greenhouse Use	**.40(F)**
DRAMMTUBING	0.130" ID / 0.192" OD Drip Tube for Greenhouse per FT.	**.15(F)**
BLUETUBE	0.075" Blue Dribble Tube for Greenhouse use. per FT.	**.10(F)**
EYELET	Brass insert eyelet for 0.075" Blue Dribble Tube	**.10(K)**

Micro Fittings, Adapters, and Tools

- Micro fittings with single barb connections
- UV-stabilized materials for long life

PART	DESCRIPTION	PRICE (F)
ADAPTER	.18" Barb X 10-32 UNF-Thread	**.25**
DRIPCOUPLER	.16" Barb X .16" Barb (hypodermic)	**.20**
DRIPTEE	.18" Brb X .18" Barb X .18" Barb	**.45**
GOOFPLUG	Goof Plugs (rack of 10)	**.95**
JOINER	.18" Barb X .18" Barb	**.20**
KEYPUNCH	Key Punch Hole Tool	**1.35**

Double Barb Poly Pipe Fittings

- Designed for use with the ½" (0.520") and 5/8" (0.620) Thin Wall Mainline Poly Pipe.
- 13mm for ½" and 16mm for 5/8" pipe.

PART	DESCRIPTION	PRICE (F)
COUPLING-13MM	Barb X Barb 13mm	**.65**
TEE-13MM	Barbed Tee 13mm	**1.15**
ELBOW-13MM	Barbed Elbow 13mm	**.90**
MA-13MMX1/2MNPT	13mm Barb x ½" MNPT	**.80**
COUPLING-16MM	Barb X Barb 16mm	**.70**
TEE-16MM	Barbed Tee 16mm	**1.35**
ELBOW-16MM	Barbed Elbow 16mm	**1.05**
MA-16MMX1/2MNPT	16mm Barb x ½" MNPT	**.80**

Miracle Punch

- For pipe up to ¾" outside diameter.

PART	DESCRIPTION	PRICE (F)
PUNCHBW	Miracle Hole Punch	**34.05**

Drip Irrigation Tape and Accessories

irritec®

P1 Row Crop Irrigation Light Dripper Line by irritec

Premium light dripper line product with innovative technologies that result in the following benefits to the grower:

- Seamless construction is stronger and more durable.
- P1 is manufactured using the highest quality engineering grade polyresins available on the market today, producing a high strength and abrasion resistant product.
- P1 is made with injection-molded drippers. Molded dripper offer a high degree of plug resistance, lower coefficient of variation, resulting in highly uniform water distribution.
- Outlet flap is standard. Outlet flap protects the emission device and opens under pressure allowing flow and closes on shut down to reduce root intrusion and soil ingestion. With the flap you can feel confident installing P1 in above or below ground applications.
- Integrated inlet filters add additional protection against clogging.
- Recommended filtration: minimum 155-mesh filter screen.
- Outlet spacing: 12 inches.
- Operating pressure: 6 to 32 PSI maximum.
- Output: 0.25 US gallons / hour or 0.40 US gallons per minute / 100 feet of tape @ 10 PSI.
- 5/8" (16 mm) inside diameter; 15-mil wall thickness.

PART	DESCRIPTION	PRICE (K)
P1-4100ROLL	P1 Row Crop Dripper Line – 4100' roll	**242.35**
P1-1000ROLL	P1 Row Crop Dripper Line – 1000' roll	**95.00**
P1-500ROLL	P1 Row Crop Dripper Line – 500' roll	**58.00**

0.25" Barb X 5/8" Drip Tape Coupler

PART	DESCRIPTION	PRICE(J)
ID-DT58X.25	0.25" Barb x 5/8" DT	**.50**

0.25" Barb X 5/8" Drip Tape Coupler w/ Shut-Off

PART	DESCRIPTION	PRICE(J)
ID-DT58X.25BV	0.25" Barb x 5/8" DT w/ Valve	**2.00**

Standard Lay Flat Hose X 5/8" Drip Tape Coupler

PART	DESCRIPTION	PRICE(J)
ID-DT58XLF-1	Lay Flat Hose x 5/8" DT	**1.15**

0.40" Barb X 5/8" Drip Tape Coupler

PART	DESCRIPTION	PRICE(J)
ID-DT58X.40	0.40" Barb x 5/8" DT	**.50**

0.40" Barb X 5/8" Drip Tape Coupler w/ Shut-Off

PART	DESCRIPTION	PRICE(J)
ID-DT58X.40BV	0.40" Barb x 5/8" DT w/ Valve	**2.00**

Lay Flat Hose Hole Cutter – 0.55" (14 mm) Hole

PART	DESCRIPTION	PRICE(J)
ID-B5-CLF14B	Lay Flat Hose Hole Cutter	**103.95**

0.42" Barb X 5/8" Drip Tape Coupler w/ Shut-Off

PART	DESCRIPTION	PRICE(J)
ID-DT58X.42BV	0.42" Barb x 5/8" DT w/ Valve	**2.05**

.50" Male NPT X 5/8" Drip Tape w/ Shut-Off Valve

PART	DESCRIPTION	PRICE(J)
ID-DT58X.5MPTV	w/ Shut-off Valve	**1.85**
ID-DT58X.5MPT	w/o Shut-off Valve	**.80**

Lay Flat Hex Installation Tool for Lay Flat Fitting

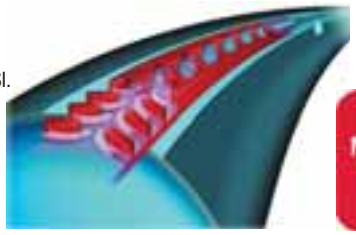
PART	DESCRIPTION	PRICE(J)
ID-B5-AHW10	Lay Flat Fitting Install Tool	**22.55**

Aqua-Traxx®
with the PBX Advantage

TORO Aqua-Traxx Drip Irrigation Tape

Aqua-Traxx with PBX Advantage is the breakthrough result of 30 years of tape research, development, and manufacturing for TORO Ag. Aqua-Traxx has superior strength, durability, uniformity, and reliability. No other tape matches the performance of Aqua-Traxx.

- Accurately delivers water, fertilizer, and chemicals; great for row crop applications.
- Advanced flow path design ensures accurate delivery of water from every emitter.
- Seamless construction provides maximum strength. Premium materials provide ultra-high strength and flexibility.
- Extra large cross-sectional area helps prevent clogging. Laser slit outlet reduces chances of soil ingestion and root intrusion.
- PBX flow path requires only 140-mesh filtration for most flow rates.
- Blue stripes "up" ensures proper outlet placement.
- Outlet spacing: 12 inches.
- Operating pressure: 4 to 15 PSI maximum.
- Output: 0.20 US gallons per hour per emitter or 0.37 US gallons per minute/100 feet of tape @ 10 PSI.
- 5/8" (16 mm) inside diameter; 8-mil wall thickness.



TORO.

PART	DESCRIPTION	PRICE (K)
RODRIP7500	Aqua-Traxx Drip Tape – 7500' roll	**290.45**
RODRIP	Aqua-Traxx Drip Tape – per foot	**.10**

5/8" X 5/8" Drip Tape Coupler

PART	DESCRIPTION	PRICE(J)
ID-DT58XDT58	5/8" DT x 5/8" DT Coupler	**.55**

5/8" X 5/8" Drip Tape Coupler w/ Shut—Off Valve

PART	DESCRIPTION	PRICE(J)
ID-DT58XDT58BV	5/8" DT Coupler w/ Valve	**2.00**

5/8" Drip Tape Tee and Elbow Fittings

PART	DESCRIPTION	PRICE(J)
ID-DT58-TEE	5/8" DT Tee Fitting	**2.05**
ID-DT58-ELBOW	5/8" DT Elbow Fitting	**1.85**

¾" Regulator model shown

¾" and 1½" NPT Pressure Regulators

PART	DESCRIPTION	PRICE(G)
PRV-075-PY	¾" 7 – 17 PSI Regulator	**30.10**
PRV-075-PW	¾" 12 – 35 PSI Regulator	**30.10**
PRV1.5-212	1½" 12 PSI Regulator	**58.25**

¾" and 1½" Y-Strainers - 155 Mesh, Male NPT

PART	DESCRIPTION	PRICE(J)
ID-YLS34-155	¾" Y-Strainer – 155 Mesh	**9.90**
ID-YLS1.5-155	1 ½" Y-Strainer – 155 Mesh	**49.75**

NOTE: Replacement screens available – please inquire.

Drip Tape End Sleeve

PART	DESCRIPTION	PRICE(J)
ID-ENDSLEEVE	Drip Tape End Stop	**.25**

Hole Punch Tools

PART	DESCRIPTION	PRICE(J)
ID-HP250	Hole Punch Tool – 0.25"	**11.90**
ID-HP400	Hole Punch Tool – 0.40"	**11.90**

Black Embossed Plastic Mulch Film

- 48" x 4000 foot roll, 0.9 mil thickness.
- Protects fruit and vegetables from direct contact with ground so the crop remains clean with less potential for disease development or insect damage.
- Virtually eliminates weed growth.
- Increase soil temperatures and allows for rapid root development.
- Prevents soil erosion from water.
- Recommended for row crops such as strawberries, tomatoes, cucumbers, peppers.
- Other mulch products available by special order – please inquire.

PART	DESCRIPTION	PRICE(K)
MULCH4X4000	Mulch 4000' – 0.9 mil	**158.20**

Underground Sprinkler Components

Stainless Steel Clamps

PART	MIN.	MAX.	AVERAGE	PRICE (C)
HAS4M	1/4"	5/8"	3/8"	.45
HAS5M	5/16"	7/8"	1/2"	.45
HAS6M	7/16"	7/8"	5/8"	1.60
HAS6	3/8"	3/4"	5/8"	.95
HAS8	1/2"	1"	3/4"	.95
HAS10	9/16"	1 1/8"	7/8"	1.00
HAS12	11/16"	1 1/4"	15/16"	1.05
HAS16	5/8"	1 1/2"	1"	1.05
HAS20	13/16"	1 3/4"	1 1/8"	1.10
HAS24	1 1/16"	2"	1 1/2"	1.15
HAS28	1 7/16"	2 3/8"	1 15/16"	1.20
HAS32	1 9/16"	2 1/2"	2"	1.25
HAS36	1 13/16"	2 3/4"	2 1/4"	1.30
HAS40	2 1/16"	3"	2 1/2"	1.35
HAS44	2 5/16"	3 1/4"	2 13/16"	1.40
HAS52	2 13/16"	3 3/4"	3 3/16"	1.50
HAS64	3 9/16"	4 1/2"	4"	1.65
HAS72	4 1/8"	5"	4 1/2"	1.75
HAS88	5 1/8"	6"	5 1/2"	1.90
HAS96	5 5/8"	6 1/2"	6"	1.95
HAS104	6 1/8"	7"	6 1/2"	2.15

Brass Gate Valves

PART	SIZE	PRICE (E)
GV012	1/2"	7.45
GV034	3/4"	9.60
GV100	1"	13.75
GV114	1 1/4"	19.05
GV112	1 1/2"	26.85
GV200	2"	37.75
GV300	3"	101.85
GV400	4"	158.75

Hose Bib Taps

PART	SIZE	PRICE (F)
HOSEBIB12	1/2"	9.40
HOSEBIB34	3/4"	13.40

Brass Ball Valves

PART	SIZE	PRICE (F)
BV014	1/4"	4.10
BV038	3/8"	4.40
BV012	1/2"	5.80
BV034	3/4"	8.20
BV100	1"	13.25
BV114	1 1/4"	24.00
BV112	1 1/2"	33.55
BV200	2"	48.65
BV300	3"	146.65
BV400	4"	225.90

Combination Tee

PART	SIZE	PRICE (E)
CT3412	3/4" x 1/2"	2.65
CT3434	3/4" x 3/4"	3.20
CT112	1" x 1/2"	3.05
CT134	1" x 3/4"	3.50
CT1	1" x 1"	3.15
CT11412	1 1/4" x 1/2"	4.60
CT11434	1 1/4" x 3/4"	5.05
CT1141	1 1/4" x 1"	5.35
CT11212	1 1/2" x 1/2"	7.05
CT11234	1 1/2" x 3/4"	8.35
CT1121	1 1/2" x 1"	8.35
CT234	2" x 3/4"	9.95

Insert Coupling

PART	SIZE	PRICE (E)
IC12	1/2"	.50
IC34	3/4"	.50
IC1	1"	.65
IC114	1 1/4"	.90
IC112	1 1/2"	1.10
IC2	2"	1.75

PVC Nipple

PVC Nipple Close

PVC Nipples

PART	SIZE	PRICE (E)
PVCN1/212	1/2" x 12"	3.05
PVCN1/218	1/2" x 18"	CALL
PVCN1/224	1/2" x 24"	CALL
PVCN34	3/4" x Close	1.20
PVCN1	1" x Close	1.70
PVCN12C	1/2" x Close	1.30

Oetiker Clamps

PART	DESCRIPTION	PRICE (C)
271	3/4" - Standard	.45
346	1" - Standard	.45

Crimp Tool

PART	DESCRIPTION	PRICE (F)
1097	For Oetiker Clamp Installation	28.20

Insert Tees

PART	SIZE	PRICE (E)
IT12	1/2"	.90
IT34	3/4"	1.00
IT1	1"	1.30
IT114	1 1/4"	1.70
IT112	1 1/2"	2.40
IT2	2"	3.35

Reducing Insert Tee

PART	SIZE	PRICE (E)
RT3412	3/4" x 1/2"	1.15
RT112	1" x 1/2"	1.40
RT134	1" x 3/4"	1.35
RT11412	1 1/4" x 1/2"	3.60
RT11434	1 1/4" x 3/4"	3.55
RT1141	1 1/4" x 1"	3.60
RT11212	1 1/2" x 1/2"	3.05
RT1121	1 1/2" x 1"	3.05
RT11234	1 1/2" x 3/4"	3.05
RT112114	1 1/2" x 1 1/4"	6.25
RT21	2" x 1"	4.30
RT2112	2" x 1 1/2"	9.50
RT2114	2" x 1 1/4"	9.30

PVC Threaded Elbows

PART	SIZE	PRICE (C)
PVCE34	3/4"	2.65
PVCE1	1"	5.60
PVCSE1	1"	4.55

PVC Threaded Tees

PART	SIZE	PRICE (C)
PVCT34	3/4"	5.30
PVCT1	1"	7.30

Cut-off Nipples

PART	SIZE	PRICE (E)
CN12	1/2"	1.10
CN34	3/4"	1.30

Insert Elbow

PART	SIZE	PRICE (E)
IE12	1/2"	.80
IE34	3/4"	.90
IE1	1"	1.05
IE114	1 1/4"	1.30
IE112	1 1/2"	1.70
IE2	2"	2.40

Male Insert Elbow

PART	SIZE	PRICE (E)
ME12	1/2"	1.10
ME34	3/4"	1.50
ME1	1"	2.00
ME114	1 1/4"	2.60
ME112	1 1/4"	3.45
ME2	2"	11.00

Combination Elbows

PART	SIZE	PRICE ()
CE12	1/2" x 1/2"	1.80
CE3412	3/4" x 1/2"	2.10
CE34	3/4""	2.20
CE112	1" x 1/2"	1.95
CE134	1" x 3/4"	2.20
CE11412	1 1/4" x 1/2"	3.65
CE11434	1 1/4" x 3/4"	3.65
CE1141	1 1/4" x 1"	3.65
CE1121	1 1/2" x 1"	4.15
CE2112	2" x 1 1/2"	7.35
CE114	1 1/4"	4.05
CE1234	1/2" x 3/4"	2.90

PVC Threaded Couplers

PART	SIZE	PRICE (C)
PVCCT12	1/2"	.95
PVCCT34	3/4"	1.75
PVCCT1	1"	2.30

Swing Joint – Male NPT X Male NPT

PART	DESCRIPTION	PRICE (F)
SJ12-6	1/2" X 1/2" X 6" long	2.75
SJ12-12	1/2" X 1/2" X 12" long	3.65
SJ34-6	3/4" X 3/4" X 6" long	3.05
SJ12X34-6	1/2" X 3/4" X 6" long	3.55
SJ12X34-12	1/2" X 3/4" X 12" long	4.00
SJ1-12	1" X 1" X 12" long	35.70

Bulk Swing Joint Pipe & Fittings

SJ-PIPE	Swing Joint Pipe 100' coil	48.90
FPA0500	Straight Barb X 1/2" MNPT	.50
FPA0750	Straight Barb X 3/4" MNPT	.55
FPE0500	Elbow Barb X 1/2" MNPT	.60
FPE0750	Elbow Barb X 3/4" MNPT	.60

Reducing Insert Coupler

PART	SIZE	PRICE (E)
RI3412	3/4" x 1/2"	.70
RI112	1" x 1/2"	1.00
RI134	1" x 3/4"	1.00
RI11434	1 1/4" x 3/4"	1.50
RI1141	1 1/4" x 1"	1.50
RI11234	1 1/2" x 3/4"	1.95
RI1121	1 1/2" x 1"	1.80
RI112114	1 1/2" x 1 1/4"	1.80
RI21	2" x 1"	2.50
RI2114	2" x 1 1/4"	2.50
RI2112	2" x 1 1/2"	2.50

Galvanized Male Coupler

PART	SIZE	PRICE (E)
GMA1/2	1/2"	2.50
GMA3/4	3/4"	2.80
GMA1	1"	3.35
GMA11/4	1 1/4"	4.85
GMA11/2	1 1/2"	5.70
GMA2	2"	7.05

Galvanized Insert Adapter

PART	SIZE	PRICE (E)
GIC1/2	1/2"	4.10
GIC3/4	3/4"	3.75
GIC1	1"	4.55
GIC114	1 1/4"	8.45
GIC112	1 1/2"	10.05
GIC2	2"	12.30
GIC3	3"	43.60
GIC4	4"	30.70

Reducing Male Adapter

PART	SIZE	PRICE (E)
MA341	3/4" x 1"	2.60
MA134	1" x 3/4"	2.65
MA1141	1 1/4" x 1"	3.45

Male Adapter

PART	SIZE	PRICE (E)
MA12	1/2"	.45
MA34	3/4"	.50
MA1	1"	.65
MA114	1 1/4"	1.10
MA112	1 1/2"	1.20
MA2	2"	1.75

Female Insert Adapter

PART	SIZE	PRICE (E)
FA12	1/2"	3.50
FA34	3/4"	4.35
FA1	1"	4.80
FA114	1 1/4"	5.15
FA112	1 1/2"	6.60
FA2	2"	11.05

Insert Plug

PART	SIZE	PRICE (E)
IP12	1/2"	1.65
IP34	3/4"	1.70
IP1	1"	2.30
IP114	1 1/4"	2.55
IP112	1 1/2"	3.05
IP2	2"	5.40

Crosses

PART	SIZE	PRICE (E)
ICR34	3/4"	4.95
ICR1	1"	4.95

Professional & Landscape Turfgrass Seed

Even-Spray Turfgrass Seed – We Help Make All Of Your Seeding Projects A Success!

Whether you are seeding a golf course, athletic field, public greenspace, or residential landscape setting, Even-Spray has the seed variety or blend to meet your specific application needs. With PICKSEED as our primary supplier partner, count on innovative research, developmental efforts, comprehensive quality control processes and an unequalled reputation for outstanding turfgrass performance and consistently high seed quality. Even-Spray is proud to distribute PICKSEED in Manitoba and Northwestern Ontario.

PICKSEED®

Bentgrass Varieties for Greens:

FUTURA PRO BENTGRASS BLEND

Futura Pro
- Superior blend of Tyee and Mackenzie – two top-rated new varieties.
- Specially formulated to improve the quality of putting greens.
- Rapid to very rapid establishment; aggressive against Poa Annua.
- Very fine leaf texture, dark to very dark green colour.
- Very high stress and disease tolerance.
- 25 lb. (11.34 kg.) pail.
- Seeding Rate: 1 – 1 ½ lbs. / 1,000 ft²

MacKenzie Creeping Bentgrass

MacKenzie
- High quality Bentgrass well suited for greens and tees.
- Dark bright green colour, very fine leaf texture.
- Very rapid establishment; competes well against Poa Annua.
- Very high uniformity, disease, and summer stress resistance.
- Wide genetic diversity.
- 25 lb. (11.34 kg.) pail.
- Seeding Rate: 1 – 1 ½ lbs. / 1,000 ft²

T-1 CREEPING

T-1
- Remarkable genetic colour - #1 NTEP ranked.
- Aggressive, makes visible gains on Poa Annua each year, heals ball marks and divots quickly.
- Can be used interseeding into existing turf.
- 25 lb. (11.34 kg.) pail.
- Seeding Rate: 1 – 2 lbs. / 1,000 ft². Double rate for interseeding.

PENNCROSS BENTGRASS

Penncross
- The most specified bentgrass for putting greens around the world.
- Dark green, uniform color.
- Exceptional heat, cold, and wear tolerance.
- Withstands consistent low cutting heights.
- Excellent recuperative ability from physical damage such as ballmarks.
- 25 lb. (11.34 kg.) bag.
- Seeding Rate: 1 ½ lbs. / 1,000 ft²

PROTINUS® SEED NUTRITION

An innovative, seed-applied fertilizer that promotes early plant growth and a healthy start. Available on select Pickseed varieties and blends. Ask your Even-Spray sales representative for additional details.

- Faster, more even emergence
- Larger seedlings with longer, more developed roots
- Ability to withstand cool growing conditions

TYEE CREEPING BENTGRASS

TYEE
- Highly competitive against Poa Annua – extra density in all seasons.
- Bright, dark true green colour.
- Dollar and Brown Patch resistance.
- Heat and high wear tolerance.
- 25 lb. (11.34 kg.) pail.
- Seeding Rate: 1 – 1 ½ lbs. / 1,000 ft². 2 – 3 lbs. / 1,000 ft² for overseeding/ interseeding.

Tee, Fairway, Rough & Landscape Blends:

Even-Spray Custom Special Overseed Mix
Custom Ryegrass-free blend for fairway overseeding and construction.
- 20% Midnight Type Kentucky Bluegrass
- 20% America Type Kentucky Bluegrass
- 20% Compact Type Kentucky Bluegrass
- 10% Aggressive Type Kentucky Bluegrass
- 10% Boreal or Jasper II Creeping Red Fescue
- 20% Windward or Victory II Chewings Fescue
- Seeding Rate: 3 – 4 lbs. / 1,000 ft²

Perfection Fairway Mix
Features a blend of three popular dwarf Kentucky Bluegrasses. A perfect choice for overseeding or new construction of fairways or tees.
- 30% Touchdown Kentucky Bluegrass
- 15% Alpine Kentucky Bluegrass
- 20% Crest Kentucky Bluegrass
- 25% Victory II Chewings Fescue
- 10% Fiesta III Perennial Ryegrass
- Seeding Rate: 3 – 4 lbs. / 1,000 ft²

Even-Spray Custom Naturalized Rough Mix
Specially formulated for natural and low maintenance areas on golf courses.
- 25% Spartan or Gotham Hard Fescue
- 25% Azay Blue Sheep's Fescue
- 20% Windward or Victory II Chewings Fescue
- 15% Sealink Slender Red Fescue
- 15% Boreal or Jasper II Creeping Red Fescue
- Seeding Rate: 2 – 3 lbs. / 1,000 ft²

Even-Spray Custom Tee Mix
Quality 60/40 mix for tees and divots with no Fescue.
- 60% Fiesta 4 Perennial Ryegrass
- 10% Touchdown Kentucky Bluegrass
- 10% Langara Kentucky Bluegrass
- 10% Explorer Kentucky Bluegrass
- 10% Blue Velvet Kentucky Bluegrass
- Seeding Rate: 3 – 4 lbs. / 1,000 ft²

Even-Spray Custom Divot Mix
Quality mix for repairing divots on fairways and tees.
- 40% Langara Kentucky Bluegrass
- 30% Boreal Creeping Red Fescue
- 30% Fiesta 3 Perennial Ryegrass
- Seeding Rate: 3 – 4 lbs. / 1,000 ft²

Prairie Green Landscape Mix
A more shade tolerant all purpose blend ideally suited for high traffic areas or home lawns and landscapes.
- 40% Kentucky Bluegrass
- 40% Creeping Red Fescue
- 20% Perennial Ryegrass
- 10 kg. or 25 kg. bags
- Seeding Rate: 3 – 5 lbs. / 1,000 ft²

Seed blend varieties subject to change based on market availability. Please contact us for our complete seed listing.

Golf Course & Landscape Fertilizers

Agrium Advanced Technologies Fertilizer Products

Agrium Advanced Technologies (AAT) serves two primary markets - professional turf such as golf courses and landscape including lawn care/property maintenance. AAT is committed to supporting the professional turf industry through its distributors with innovative research, development of products, and service that includes soil testing, irrigation water analysis, and tissue sampling.

ProTurf® - The Pro's Choice

The ProTurf® line-up of products set quality standards for both granular fertilizers and pesticides in the turfgrass industry.

- *Contec Greens homogeneous fertilizers*
- *Complete Course homogeneous fertilizers*
- *Granular fungicide and weed control products*
- *Polyon-based fertilizer blends*

- *Nu-Gro Select Micro grade Greens fertilizers*
- *Nutralene-based Mini and Fairway grade fertilizers*
- *Nitroform-based Mini and Fairway grade fertilizers*
- *XCU-based Mini and Fairway grade fertilizers*

- *Landscape XCU-based fertilizer blends*
- *Landscape Polyon-based fertilizer blends*
- *Landscape Organic-based fertilizer blends*
- *Straights including XCU, MU, AS, and SOP*

POLYON – Advanced Technology. Dependable Results.

POLYON controlled-release nitrogen has quickly become the professional Turfgrass industry's leading N source for use on tees, fairways, and landscapes alike. **POLYON** gives Turfgrass professionals all the things wanted from a fertility program: consistent, predictable feeding that lasts for months with one application – all to help you grow healthy, beautiful, playable turf. **POLYON** makes that possible.

POLYON controlled-release nitrogen uses an entirely different approach because its release is regulated only by soil temperature. Factors such as moisture levels, microbial activity, or soil pH that affect the release characteristics of other nitrogen sources do not come into play with **POLYON**. Using "*Reactive Layers Coating*™" technology, **POLYON** gradually feeds your turf through osmotic diffusion. This process meters out nitrogen to the root zone slowly, constantly, daily… for months at a time. No surge growth after a rainfall, no nutrient lock-off, and virtually no waste.

Only **POLYON** gives you so much; consider the many advantages and your choice in nitrogen technologies gets even easier:

- *Fewer applications and no surge growth, saving you labour and money*
- *Greener, healthier Turfgrass for the ultimate playing surface or landscape setting*
- *Consistent, predictable, dependable feeding*
- *Environmentally friendly fertilizer with lower potential for leaching and volatization*
- *Safe, dust-free handling thanks to complete, durable coating technology*
- *An optimum combination of nutrients and timing*

Your Turf Doesn't Lie. Take The POLYGRAPH™ And Discover The Truth.

The release characteristics of **POLYON** are so predictable; it enabled the development of a nutrient prediction tool called **POLYGRAPH** exclusively available in Manitoba and Northwest Ontario through Even-Spray & Chemicals.

Using custom software, the **POLYGRAPH** takes actual temperature data from your specific area to design a fertilizer program that can meet your exact needs. **POLYGRAPH** will create a singular formulation to provide optimal nutrient release and uptake efficiency for your course, whether your chosen feeding time is six weeks or six months. We can even formulate a **POLYON** product to make your turfgrass quality peak right before a big event. **POLYGRAPH** also allows you to reduce annual rates of N, P, and K, which saves you money.

Ask your Even-Spray rep for a **POLYGRAPH** nutrient prediction program that's right for you. Whether you are managing a sports field, golf course, or landscape setting, there's a **POLYON** Controlled-Release Fertilizer designed just for your needs.

Even-Spray Custom Zero Phosphorus Granular Fertilizers

Even-Spray has developed four custom fertilizer formulations to meet our customers' agronomic needs as the demand to use zero phosphorus products continues. Ideal for use on turfgrass – fairways, sports fields, and landscape settings, these products are blended with the very best nutrient sources including XCU, MESA, and Sulphate of Potash.

Please contact your sales representative or our office for more information on these and other zero or reduced phosphorus fertilizer options.

33-0-11 40% XCU + Iron

- XCU Nitrogen – polymer-coated high grade SCU.
- 1% Iron for enhanced colour.
- 25-Kilo bag covers 18,150 ft² (2.4 bags per acre) on tees, fairways, lawns, and landscaped areas.

28-0-10 50% MESA + Iron

- MESA Nitrogen – Ammonium Sulphate/Methylene Urea homogeneous particle.
- 1% Iron for enhanced colour.
- 22.7-Kilo bag covers 14,000 ft² (3.2 bags per acre) on fairways, lawns, and landscaped areas.

11-0-33 40% XCU + Iron

- XCU Nitrogen – polymer-coated high grade SCU.
- 1% Iron for enhanced colour.
- 25-Kilo bag covers 18,150 ft² (2.4 bags per acre) on tees, fairways, lawns, and landscaped areas.

10-0-30 37% MESA + 100% SOP

- MESA Nitrogen – Ammonium Sulphate/Methylene Urea homogeneous particle.
- 100% Sulphate of Potash K
- 22.7-Kilo bag covers 15,000 ft² (2.9 bags per acre) on fairways, lawns, and landscaped areas.

Custom Blended Granular Turf Fertilizers – To Meet Your Needs

Working with industry-leading fertilizer blending partners, Even-Spray can help custom formulate a product to meet your specific agronomic or budgetary needs.

Utilizing the very best ingredients such as POLYON, MESA, XCU, and EXPO, there is virtually no limit to the range of formulations we can build for you.

Please contact your sales representative or our office for more information on custom blending services, minimum order requirements, and pricing.

Grigg Brothers GreenSpec™ Granular Fertilizers

GreenSpec™ homogeneous granules were developed in response to customers requests for dry fertilizers that would complement the use of Grigg Brothers® Foliar Fertilizers. The GreenSpec™ line has been engineered using proprietary "protein" nitrogen (N) source technology to deliver superior performance with controlled and lasting colour response and environmental safety and efficient nutrient delivery.

GreenSpec™ fertilizers have been formulated with purity in mind and do NOT contain any waste products, fillers of any kind, manures, or cheap minerals containing heavy metals.
Every ingredient has a purpose.

- Organic, Bio-active Proteins.
- Great Salt Lake Sulphate of Potash – solar evaporated, purest source available.
- Kelp – High in Calcium, minerals, low salt index.
- Humic Acid – high Fulvic to Humic ratio.

16-4-8 Turf Rally Micro Grade

- Nitrogen sources - blood meal, bone meal, and urea.
- Sulphate of Potash K source.
- Micros – 6% Ca, 6% S, 3% Fe, 0.2% Mn, and 0.1% Zn.
- Also contains 3.2% Humic Acid and Kelp.

10-2-4 100% Organic Micro Grade

- Dust-free and disperable formula
- Nitrogen sources – blood meal, soy protein, feather/bone meal.
- Sulphate of Potash K source.
- Micros – 4% Ca, 2% S
- Also contains 3.2% Humic Acid and Kelp.

7-0-14 ZeroPhos + 7% Fe Micro

- Nitrogen sources – blood meal, urea, and ammonium sulphate.
- Sulphate of Potash K source.
- Micros – 7% Ca, 7% S, 7% Fe, 0.3% Mn, and 0.2% Zn.
- Also contains 3.2% Humic Acid and Kelp.

Golf Course & Landscape Fertilizers

Milorganite Natural Organic Fertilizer

The premier organic fertilizer turfgrass professionals have relied on since 1926. Golf courses, athletic fields, parks, municipalities, corporate and university grounds have all benefited from Milorganite's ability to produce a rich, deep green colour.

- Non-burning formula, very safe to use.
- Rich in Iron, 4.0% minimum.
- Use for turf maintenance, seeding, sodding, and dormant feeding.
- Excellent for trees, shrubs and flower beds.
- Available in fairway and greens grade particle sizes.

Milorganite Seed Mixing Chart – Overseeding / Divot Mix

SEED TYPE	MILORGANITE (lbs.)	SEED (lbs.)	COVERAGE OF MIX
Bentgrass	20	5	5,000 ft²
Bluegrass	100	25	6,250 ft²
Bluegrass/Ryegrass Blend	100	25	4,250 ft²
Ryegrass	100	25	3,250 ft²

Kelly's

Kelly's Capsulated Limestone and Gypsum products help to maintain luxurious green turf, plentiful gardens, beautiful trees, and ornamentals. For over 40 years Kelly Lime & Rock Company has been producing limestone products of the finest quality.

- Mined naturally, Kelly's products are friendly to the environment.
- **Patented water-soluble polymer capsulation** coating process for all Dolometic lime, Calcitic lime and Gypsum products.
- Easy to apply, free-flowing, low-dust granules.
- Gypsum and Calcitic lime available in micro and regular grade. Dolometic lime available in regular grade only.
- 50 LB. Poly bags.

Kelly's Capsulated Gypsum
- Loosens clay and compacted soils.
- Restores sodium-affected soils.
- Will not change soil pH.
- Micro and Regular grade available.

Kelly's High Calcium Limestone
- Neutralizes soil acidity.
- Supplies Calcium and Magnesium.
- Sustains vigorous green growth.
- Micro and Regular grade available.

Kelly's Dolometic Limestone
- Neutralizes soil acidity.
- Excellent source of Magnesium.
- Secondary source of Calcium.
- Regular grade only available.

Lebanon…Improving the Way Professionals Care For Turf

LebanonTurf is the professional division of Lebanon Seaboard Corporation. With over 60 years of experience, Lebanon is dedicated to supporting its customers through an extensive network of independent dealers and distributors. LebanonTurf is committed to environmental stewardship and has a product line or technology to fit all aspects of the turfgrass industries – Golf Course Superintendents, Property Managers, or Professional Landscapers and Tree care Specialists.

LebanonTurf continues to bring cutting edge technology and products to the market. From the Country Club MD water-dispersible fertilizer line for greens, tees, and other closely mowed turf areas to the long lasting and highly efficient and predictable release of MESA® Ammonium Sulphate/Methylene Urea Nitrogen and EXPO® Nitrogen/Sulphate of Potash, LebanonTurf has the product line to meet your agronomic and budgetary needs.

MESA® Patented Controlled Release Nitrogen

MESA is a unique 30-0-0 nitrogen source that combines Ammonium Sulphate with Methylene Urea in a single, homogeneous particle. The result is an extremely efficient and controlled nitrogen source that produces consistent, dark green colour without surge growth. Unlike coated nitrogen technologies, **MESA** does not lose its slow-release properties when cracked, chipped, crushed or broken. **MESA** technology is found in Lebanon's Country Club and ProScape brands.

expo

EXPO is LebanonTurf's patented, single-particle, extended release Potassium Sulphate technology. **EXPO** is designed to deliver potassium to the turf in a reliable and predictable rate over a longer period of time, well beyond that of the standard Potassium Sulphate found in most fertilizers. Additionally, **EXPO** delivers controlled release nitrogen (derived from Methylene Urea). Each homogeneous particle has an analysis of 20-0-25. **EXPO** is found in Lebanon's Country Club, ProScape, and Woodace brands.

Country Club® MD Maximum Dispersion

The Next Stage in the Evolution of Golf Course Fertilizers

Country Club MD is a new, innovative fertilizer from LebanonTurf developed to provide superior turf quality and golf course playability. Its unique, highly dispersing homogenous granule technology eliminates mower pick-up and contains sea kelp meal and humic acid to help suppress turf stress. Country Club MD features Meth-Ex slow release, Methylene urea nitrogen and is available in three popular formulations.

PennMulch Seed Accelerator

Help Give Grass Seed A Better Start At Life…

PennMulch Seed Accelerator is pelletized seed establishment mulch comprised of recycled newsprint, starter fertilizer, and Moisture Cell Technology – a patented super-absorbent polymer. It has a wide range of uses and is perfect for golf course superintendents, athletic field managers, irrigation companies, groundskeepers, and other turf and lawn care professionals.

PennMulch Seed Accelerator is the only seed establishment product containing patented Moisture Cell Technology. Comprised of super-absorbent polymers, Moisture Cell Technology can absorb up to 400 times its weight in water, which causes the pellets to expand. As the seedbed dries, the microscopic polymer crystals release water back into the soil, providing the new seedlings with the moisture they need to grow healthy and strong. Though there are a number of look-alike products on the market, university testing shows that none can match the results of PennMulch Seed Accelerator.

- University formulated and Patented – it's in the name!
- Increases turf density to minimize weed outbreak
- Conserves moisture to increase seed establishment
- Complete starter fertilizer included in mulch
- No raking necessary; easy to apply with a drop or certain rotary spreaders.
- Rate: 65 pounds per 1,000 ft² applies .65 lb. N, .91 lb. P, and .26 lb K

Straw *PennMulch*

Foliar Golf Course Fertilizers

Grigg Brothers Foliar Fertilizers — Quality - Performance - Compatibility

The mission of Grigg Brothers is to provide the very best quality products and top agronomic support in an environmentally responsible manner. Grigg Brothers Tru-Foliar™ products are specifically designed for foliar application and foliar absorption. All products contain mineral specific facilitators, which aid penetration into plant cells, effectively translocate to sites of action, and provide all or most of the nutrients needed. Each ingredient in all Grigg Brothers products has its purpose as either a plant nutrient, or as an ingredient for soil improvement. Quality. Performance. Compatibility.

SPRING GREEN UP PROGRAM – *Highly Compatible With Most Fungicides and Plant Growth Regulators*

- **Nutra Green** 6 ounces / 1,000 ft²
- **NH4+** 12 ounces / 1,000 ft²
- **Ultraplex** 6 ounces / 1,000 ft²

Take the cool soil temperatures out of the equation by using Tru-Foliar™ fertilizers and get your greens healthy and ready to play faster in the spring. Nutra Green provides foliar Phosphorus for root development; NH4+ provides Ammonium Sulphate for quick green up and improved Poa Annua performance even with our cooler spring temperatures.

** Tank mix applied in 1 to 2 gallons of water per 1,000 ft²*

Nutra Green 5-10-5

NH4+ 7-1-1

9.46 L

Ultraplex 4-0-3

SUMMER STRESS PROGRAM – *Highly Compatible With Most Fungicides and Plant Growth Regulators*

- **Gary's Green Ultra** 10 ounces / 1,000 ft²
- **P-K Plus** 6 ounces / 1,000 ft²
- **Sili-Kal B** 3 ounces / 1,000 ft²

Get a premium summer foliar feed program in just 3 jugs. Gary's Green Ultra is a 3-in-1 product providing a NPK source, a buffering agent, and an uptake elicitor. P-K Plus provides much needed K for the summer stress periods as well as a Phosphite source for improved disease resistance in your turf. Sili-Kal B provides Silicon and Calcium for improved cell wall structure, disease resistance, and recuperative ability of your turf.

** Tank mix applied in 1 to 2 gallons of water per 1,000 ft²*

9.46 L

Gary's Green Ultra 18-3-4

P-K Plus 3-7-18

9.46 L

Sili-Kal B 8-0-4

WINTER PREP PROGRAM – *Highly Compatible With Most Fungicides and Plant Growth Regulators*

- **Ultraplex** 6 ounces / 1,000 ft²
- **P-K Plus** 6 ounces / 1,000 ft²
- **Carboplex** 6 ounces / 1,000 ft²

Give your turf the best chance to survive winter. P-K Plus provides Potassium to improve the hardening off process and Phosphites for snow mold resistance. Carboplex provides simple carbohydrates essential to the plant for winter survival. The small amount of available nitrogen helps drive photosynthetic and carbohydrate storage processes, which are key to your plants ability to survive our harsh winters.

** Tank mix applied in 1 to 2 gallons of water per 1,000 ft²*

9.46 L

Ultraplex 4-0-3

P-K Plus 3-7-18

Carboplex 6-4-4

Foliar & Liquid Golf Course Fertilizers

TEE & FAIRWAY PROGRAM – *Highly Compatible With Most Fungicides and Plant Growth Regulators*

- **Burley Green** **4 ounces / 1,000 ft²**
- **Amino Iron** **3 ounces / 1,000 ft²**

Apply Grigg Brothers FertiSprays™ every three weeks to help control clipping loads, improve divot recovery and increase ball roll. Give your tees and fairways a little taste of a greens fertility diet, but do it on a fairway budget. Highly efficient nutrient use with low burn potential. Burley Green is a 50% slow release formula and Amino Iron features 12% Nitrogen and 5% Iron. Together, the results are visually and agronomically spectacular.

** Tank mix applied in 1 to 2 gallons of water per 1,000 ft²*

Burley Green 18-2-3

Amino Iron 12-0-0

Grigg Brothers Offers A Comprehensive Line Of Tru-Foliar™ Fertilizers To Meet All Of Your Agronomic Needs:

Tru-FoliarTM Liquid Fertilizers		Rate (US oz./1000 Ft²)		Coverage (Ft² per 9.46L Jug)	
Product Description	Analysis	LOW	HIGH	LOW	HIGH
Gary's Green + Fe, Mg, Cu, Mn, Zn	18-3-4	4	8	78,833	39,417
Burley Green 50% Slow Release N + Fe	18-2-3	2	3	157,667	105,111
Nutra-Green + Mg, B, Fe, Cu, Mn, Zn	5-10-5	4	9	78,833	35,037
Gary's Green Ultra + Fe, Cu, Mn, Zn	13-2-3	6	12	52,556	26,278
Ultraplex + Mg, Fe, Mn, Zn, Cu, B	4-0-3	3	6	105,111	52,556
P-K Plus + Phosphite, B, Co, Mo	3-7-18	6	6	52,556	52,556
Sili-Kal B + Ca, B, Si	8-0-4	3	7	105,111	45,048
Suprema + Fe, B, Mn, Zn	12-0-12	3	6	105,111	52,556
Tuff Turf + Fe, Mg, Mn, Si	1-0-14	3	8	105,111	39,417
A-O-K Potassium Complex 25%	1-0-24	3	8	105,111	39,417
Kelplex	1-2-2	1	2	315,333	157,667
NH4+	7-1-1	12	14	26,278	22,524
Microburst + Mg, B, Cu, Fe, Mn, Mo, Zn	0-0-1	2	6	157,667	52,556
Iron Combo Chelate + S, B, Cu, Fe, Mn, Zn	1-0-2	2	6	160,000	53,333
Amino Iron + 5% Iron, Mn, Zn	12-0-0	4	8	80,000	40,000
Carboplex + Fe, Mn, Zn	6-4-4	6	9	52,566	35,037

Miscellaneous Liquid Fertilizers and Amendments

Kelplex 1-2-2

- Concentrated 75% foliar seaweed extract (Ascophyllum nodosum) containing an active source of natural plant growth regulators, Organic and Amino Acids.
- Improves heat, drought, salinity stress tolerance.
- Increase primary plant metabolism including photosynthesis.
- Supplementary to an existing fertilizer program.
- Rate: 30 – 60 ml/1,000 ft² every 14 days.
- 9.46 L jug.

Acadian 0-0-2 Turf Advantage Kelp

- Derived from 100% Ascophyllum nodosum seaweed.
- Enhances root growth and early plant development.
- Helps turf grass resist drought and salinity stress.
- Improves nutrient uptake and fertilizer programs.
- For use on lawns, sports fields, golf courses, and parks.
- Rate: 30 – 60 ml/1,000 ft² every 14 days.
- 10 L jug.

6 IRON 15-0-0 + 6% Iron

- An economical liquid fairway fertilizer that provides for rapid and lasting colour response.
- Complexed with mineral acids.
- Prevents turf discolouration when mixed with Primo Maxx plant growth regulator.
- Greens/Tees Rate: 60 ml in 1 – 2 gallons of water/1,000 ft² as needed.
- Fairway Rate: 60 ml in 1 – 2 gallons of water/1,000 ft² as needed.
- Available in 10 L jug and 205 L drum.

Plant Health Products

Eco-Tea™

HARNESSING THE POWER OF BIOLOGY

ECO-TEA™ is an engineered compost tea made with an advanced microbial food formula consisting of an organic blend of humic, fulvic and long-chain amino acids, Atlantic kelp extract, simple and complex carbohydrates, and enzymes. Further, it injects a multitude of plant growth promoting rhizo-microbes into plant root zones. The biological community thriving within **ECO-TEA™** will improve soil structure, root function/biomass, uptake of N-P-K, micronutrients, and many plant growth hormones and stress proteins.

Some of the benefits of regular **ECO-TEA™** applications include:

- Increase in root function and biomass.
- Increase in availability of natural phosphates and iron.
- Inoculates plant roots with millions of plant beneficial microbes with just a couple of millilitres.
- Increase in plant vigor and chlorophyll production.
- Improves stress tolerance (transplant, drought, cold, physical, and pathogens).

Whatever your application, there is an **ECO-TEA™** brewing ingredient kit to suit your needs:

ECO-TEA™ Turf

ECO-TEA™ Hort

ECO-TEA™ Tree

ECO-TEA™ 50 Gallon Brewing Unit

The heart of ECO-TEA™ system is the specialized brewing unit that can produce up to 50 gallons of highly engineered ready-to-use compost tea within 24 hours. The unique brewing unit also keeps your ECO-TEA™ fresh for 5 – 7 days so it's ready to use when you need it. Contact your Even-Spray sales representative for more details.

PrimoMaxx®

Manage Clipping Yields While Elevating Your Turf To A New Level of Playability

Primo MAXX is a unique management tool that allows golf course superintendents to better manage turfgrass on their courses. It does this by actually altering the way turfgrass grows, resulting in more compact, healthier grass that produces fewer fresh weight clippings by up to 50% and a reduction in grass height of up to 20% for up to four weeks.

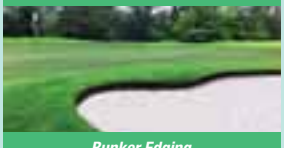
Benefits in using Primo MAXX:

- Can be used as a pre-stress conditioning tool to prepare turf for summer extremes such as heat and drought.
- Less clipping yields results in a healthier cut – more predictable, consistent playing conditions and better turf wear recovery.
- Reduced wear on equipment, lower labour costs, and reduced fuel consumption.

Application Rate for Primo MAXX:

- 4 ml / 100m² monthly for Bentgrass.
- 3.78 litre container.
- PCP: 26989

From Tee to Green



Bunker Edging

Fence Lines

TURF SCREEN™

Enhanced Solar Protection™

Turf Screen Enhanced Solar Protection

Turf Screen is a revolutionary product tested, engineered, and proven to protect turf from damaging ultraviolet rays and is effective at reducing "sunburn" and solar stress on turf.

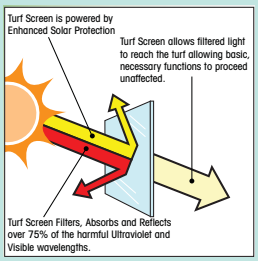
- Contains all natural ingredients.
- Patent-pending formula utilizes Titanium Oxide (TiO2) and Zinc Oxide (ZnO) with 5% pigment.
- 100% safe on turf and the environment.

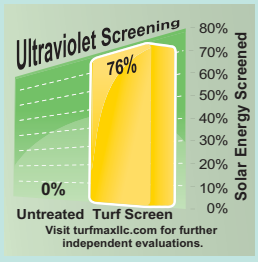
Some Product Benefits:

- Increases overall turf quality, density, and colour.
- Reduces turf canopy and soil temperatures by 3 to 7 degrees F.

Turf Screen Rates and Coverage

- 54 to 108 ml / 100 m² in 4 litres of water every 14 days.
- One 9.45 litre container covers approximately 2.1 to 4.2 acres.


Turf Screen is powered by Enhanced Solar Protection
Turf Screen allows filtered light to reach the turf allowing basic, necessary functions to proceed unaffected.
Turf Screen Filters, Absorbs and Reflects over 75% of the harmful Ultraviolet and Visible wavelengths.



Turf Fungicides – Disease Reference Chart

PRODUCT	Banner Maxx	Cadence WDG	Civitas	Daconil 2787	Daconil Ultrex	Eagle WSP	Golden Eagle	Heritage Maxx	Insignia EG	Instrata	Iprodione 240SE	Premis 200F	Prophecy DG Pro	Rhapsody ASO	Senator 70WSB	Subdue Maxx	Tourney	Truban 30WP	Zerotol
Anthracnose	♦		♦	♦	♦			♦	♦			♦	♦	♦			♦		♦
Brown Patch	♦		♦	♦	♦	♦		♦	♦		♦	♦	♦	♦	♦		♦		♦
Dollar Spot	♦	♦	♦	♦	♦	♦	♦		♦		♦	♦	♦	♦	♦		♦		
Fairy Ring								♦											
Fusarium Blight	♦							♦			♦	♦	♦						
Grey Snow Mold	♦		♦	♦	♦	♦		♦	♦	♦	♦	♦	♦				♦		
Leaf Spot	♦		♦	♦	♦			♦	♦		♦		♦						
Melting Out	♦			♦	♦			♦			♦		♦						
Pink Snow Mold	♦		♦	♦	♦			♦	♦	♦	♦	♦	♦		♦		♦		
Powdery Mildew															♦				
Pythium Blight								♦	♦							♦		♦	
Pythium Root Rot																♦		♦	
Red Thread	♦												♦						
Summer Patch	♦					♦		♦					♦				♦		
Take All Patch	♦							♦	♦										
Waitea Patch	♦																♦		
Yellow Patch	♦												♦						

This Chart is for reference only – Please consult product label for specific rates, application intervals, etc. before usage.

Anthracnose
- Usually occurs in springtime to early summer, but also in the fall.
- High humidity, poorly drained soils affected the most.
- Most active in temperature range 15 to 25° C.
- Affects Poa annua and Fescues predominantley, also occurs on Bentgrass and Perennial Ryegrass.

Brown Patch
- Typically associated with high humidity and high temperatures in spring and summer.
- Mainly occurs in closely cut turf such as greens, but can appear in other areas.
- Predominantly affects Poa annua, Bentgrass, and Ryegrass.

Dollar Spot
- Appears as sunken, circular straw-coloured patches as big as a Canadian "Looney".
- Warm, humid days and cool nights that enhance formation of dew encourages disease activity.
- Most active when temperatures are between 15 to 25° C, usually early fall time.
- Low nitrogen levels enhance disease activity; can be spread by cultural practices and turf equipment.
- Bentgrasses and fine-leafed Fescues most commonly affected.

Fusarium Patch
- Typically occurs in spring and fall under wet, cool weather.
- Poor drainage in soils will contribute to disease development.
- Bentgrass mostly affected; Poa annua, Fescues, Ryegrasses, and Kentucky Bluegrass also susceptible.

Summer Patch
- Symptoms appear in late spring to early summer.
- Rainy, hot conditions (28 to 35° C) are ideal for disease activity.
- Compacted, poorly drained soils affected the most.
- Poa annua, Kentucky Bluegrass, and fine-leaf Fescue affected the most.

Take-All Patch
- Occurs under cool, moist conditions in mid-spring to early summer and reappears in the fall.
- Compacted, high pH solids more commonly affected.
- Recently constructed greens (1 to 4 years old) affected most, but established greens can encounter symptoms.
- Most active in temperatures of 15 to 24ºC.
- Predominantly affects Bentgrass and Perennial Ryegrass, also can occur in bluegrass and fine-leaf fescues.

Golf Course Fungicides

Banner MAXX
- Broad Spectrum Systemic Fungicide.
- Anthracnose, Brown patch, Dollar Patch, Fusarium, Gray/Pink snow mould, Melting out, Summer patch, Red thread and Yellow patch.
- 3.78 Litre Container (2/case).
- Propiconazole 14.3%.
- PCP: 27003

Cadence WDG
- Boscalid 70%
- Registered for Dollar Spot.
- Preventative, early stage curative, Translaminar activity.
- 486-gram container
- PCP: 27496

Civitas Fungicide
- Unique mode of action called “Induced Systemic Resistance” – uptake by the plants xylem an phloem.
- Leaf Spot, Grey/Pink Snow Mold, and Dollar Spot.
- Compatible with most fungicides, foliar fertilizers, and Primo MAXX.
- Rate: 250 – 930 ml /100 m² mixed with HARMONIZER (included).
- Civitas – 18.9 L; HARMONIZER – 1 L
- PCP: 29825 (Civitas)

Daconil 2787
- Broad spectrum emulsible concentrate liquid contact fungicide.
- Anthracnose, Brown Patch, Dollar Spot, Leaf Spot, Pink & Grey Snow Mold.
- Unique “Weather-Stik” formulation.
- Rates vary by disease and disease pressure.
- 10 litre jug.
- PCP: 15724

Daconil Ultrex
- Contact Broad Spectrum Fungicide.
- Highly soluble “Water Dispersible Granule” format.
- Gray/Pink Snow Mold, Leaf Spot, Dollar Spot, Anthracnose and Brown Patch.
- Unique "Weather-Stik" formula.
- 2.27-kilogram bag (4/case).
- Chlorothalonil 82.5%
- PCP: 28354

Eagle WSP
- Myclobutanil 40%.
- Systemic protective and curative fungicide.
- Water soluble pouches.
- Brown patch, Grey snow mould, stem rust and summer patch.
- 1.36kg container (16 x 85g pouches)
- PCP: 26585

Golden Eagle Granular Fungicide
- A systemic, protectant and curative fungicide for the control of Dollar Spot.
- Granular formulation is easy to apply and allows product to be used for spot treatment.
- Rate: 1.5 – 1.87 kgs / 100 m² every 14 days.
- Maximum of 2 applications per year.
- 25 kilogram bag.
- PCP: 29974

Heritage Maxx
- Broad Spectrum Systemic Fungicide.
- Preventative & Curative properties.
- Pythium, Brown Patch, Fusarium, Gray/Pink Snow Mold, Summer Patch, and Take-All Patch.
- 3.78 Litre (2/case).
- Azoxystrobin 95 grams/Litre.
- PCP: 28393

Insignia EG
- Pyraclostrobin 20%
- Recommended as a preventative treatment.
- Translaminar activity in leaf tissue; rain fast in 1 hour, lasts up to 28 days.
- Registered for Brown Patch, Grey Leaf Spot, Grey Snow Mold, Leaf Spot, Pink Snow Mold, Pythium Blight, and Rust.
- 1.09 Kg bottle
- PCP: 28859

Golf Course Fungicides

Instrata
- Chlorothalonil 362 g/L, Propiconazole 57 g/L, Fludioxonil 14.5 g/L
- Registered for preventative control of Pink and Grey Snow Mold.
- Systemic and Contact activity.
- 7.1 Litre container.
- PCP: 28861

Prophesy 0.72G Fungicide
- Granular fungicide registered for a wide variety of turf diseases including Dollar Spot, Brown Patch, Summer and Yellow Patch, Leaf Spot/Melting Out, Dollar Spot, Anthracnose, Fusarium Patch, and Grey/Pink Snow Mold.
- DG PRO dispersible carrier – minimizes mower pick-up after irrigation.
- Convenient, dry-flowable formula can be applied with a rotary or drop spreader.
- Root absorbed for consistent uptake into the turf.
- Ideal as part of a snow mold protection program.
- Contains 0.72% Propiconazole.
- 18 kg bag covers between 807 - 3,214 m² (8,686 – 34,595 ft²) depending on application rate.
- PCP: 29951

NEW!

Tourney Fungicide
- Metconazole 50%
- Broad spectrum systemic water dispersible granule.
- Registered for Dollar Spot, Anthracnose, Brown Patch, Pink/Grey Snow Mold (w/ Daconil), Summer Patch, and Waitea Patch.
- Rates vary from 8.4 to 11.2 grams/100m², consult label.
- 2.27 Kg container.
- PCP: 30928

Iprodione 240SE Flowable Fungicide
- Iprodione 240 grams /L.
- Broad spectrum contact and systemic control with 14 to 21 days or more of dependable residual.
- Registered for Fusarium Patch, Brown Patch, Dollar Spot, Grey/Pink Snow Mould, and Leaf Spot.
- Rate: Varies from 62 to 375 mls. / 100m².
- 10 litre container.
- PCP: 29410

Senator 70WP WSB
- Thiophanate Methyl 70%
- Easy-to-Use Water Soluble Bag
- Broad spectrum, systemic fungicide registered for Dollar Spot, Brown Patch, Powdery Mildew, and Pink Snow Mould
- Rates: 25 – 250 grams per 100m²
- 1.6 Kg (8 x 200 gram Soluble Bags)
- PCP: 27297

Truban 30WP
- Etridiazole 30%.
- Wettable powder.
- Pythium crown and root rot.
- 907g container (6/case).
- PCP: 11460

Premis 200 F
- Triticonazole 200 g/L
- Registered for Dollar Spot, Brown Patch, Pink and Grey Snow Mold, Fusarium Patch, and Anthracnose.
- Tank-mix with Rovral Green GT for Fusarium Patch, Pink and Grey Snow Mold Control.
- Recommended as a Preventative treatment.
- 3.2 Litre container.
- PCP: 28387

Subdue MAXX
- Emulsible concentrate systemic fungicide for turf.
- Use for Pythium Blight / Pythium Damping-Off.
- Rate varies by targeted disease; consult label.
- 1 litre bottle.
- PCP: 27055

Zerotol
- Broad-Spectrum Algaecide / Fungicide
- Registered for use on golf courses, sports fields, and commercial turf grass in Canada
- Contact control on Brown Patch, Anthracnose, Green and Blue Green Algae on turf
- Algae Rate: 100 mls per 100m²
- Disease Rate: 12 mls per 100 m²
- 9.46 Litre drum
- PCP: 29508

Golf Course & Landscape Insecticides

Turf & Ornamental Insecticide Reference Chart

Product	Commercial Use	Golf Course Use	Residential Use	Structural Use	Ants	Black Turfgrass Ataenius Beetle	Chinch Bug	Cutworm	Leather Jacket	Sod Webworm	White Grub	Ornamental Insects	Mosquitoes
Arena 50 WDG	•	•	•				•		•		•		
DeltaGard SC	•	•	•		•		•	•		•			
Demand SC	•	•	•	•	•								
Imidacloprid 75 WSP	•	•	•			•			•				
Prox 120	•	•											•
Pyrate 480 EC	•	•			•		•	•	•	•		•	•
Sevin T&O	•	•	•		•		•	•	•	•		•	•

Arena 50 WDG
- A broad spectrum turf insecticide with long residual control; 1 application per season!
- Registered for use on golf courses, sod farms, and sports field turf to control White Grub, Chinch bug, Leather Jacket, and more.
- Rate: 2.5 – 7.0 grams per 100m²; one container can cover up to 11 acres of turf.
- 1.13 Kg bottle
- PCP: 29383

DeltaGard SC
- Controls a range of turf insects by means of contact or ingestion.
- Registered for Commercial, Golf Course, and Residential applications.
- Rate: 12 ml / 100 m² in 6 to 15 litres of water.
- Deltamethrin 50 g/L
- 1 litre container.
- PCP: 28791

Demand SC
- A synthetic pyrethroid insecticide effective through contact and ingestion on Ants in turf and a wide range of insects in structural applications.
- Registered for Commercial, Golf Course, Structural, and Residential applications.
- Rate (turf): 3.7 ml/ 100 m² in 7.5 - 9.5 litres of water.
- Rate (structural): 3 ml per litre of water.
- Lambda-cyhalothrin 100 g/L
- 236.5 ml. container.
- PCP: 27428

Imidacloprid 75WP
- Long term residual insecticide for control of Black Turfgrass Ataenius Beetles, etc. in golf courses, industrial sites, sports fields, and sod farms
- Rate: One 45 gram WSP treats 1,200m²
- Imidacloprid 75%
- 180 gram pouch (4 x 45 gram water soluble packets)
- PCP: 29130
- Also available in granular form – please inquire.

Prox 120
- Recommended for control of adult mosquitoes and blackflies in outdoor areas.
- Provides rapid knockdown after application.
- Applications may be made with ground equipment as a thermal fog or an ultra-low volume (ULV), non-thermal aerosol or by aircraft.
- Applications may be repeated as required.
- Rates: Vary by application equipment used. See label for complete instructions.
- 10 L container.
- PCP: 15565.

Pyrate 480 EC
- Concentrated turfgrass Insecticide
- Registered for use on Golf Courses, Industrial turf, and sod farms to control ants, chinch bugs, cut worms, sod webworm, and leather jacket
- Rate: 20 – 25 mls per 100ml² diluted in sufficient water to provide even coverage. Consult label for complete information
- 10 Litre jug
- PCP: 23704

Sevin T&O
- A broad-spectrum insecticide for turf and outdoor ornamental use.
- Very effective against many species of beetles, caterpillars, and aphids in ornamentals as well as ants, white grubs, cutworm, leatherjackets, and chinch bugs in turf.
- Ornamental Rate: 2.3-3.5 L of Sevin T&O in 1000 L of water/hectare. (32-49 fl. oz. in 100 gallons of water/acre)
- Turf Rate: 200-290 ml in 150-200 L of water/100 m².
- 10-Litre container (2/case).
- PCP: 26873.

Golf Course Herbicides & Spray Additives

Par III
- Selective herbicide for control of a wide range of hard-to-kill broadleaf weeds on turf.
- Commercial strength 3-way blend concentrate.
- Apply by ground application only.
- Boom Spray Rate: 5.5 L/hectare in 300 L of water.
- Spot Spray Rate: 55 ml/3L of water/100 m^2
- Sizes: 4 L, 10 L, 115 L drum.
- PCP: 27884.

Roundup Weather Max
- Contains 540 grams/litre Glyphosate.
- Patented formulation with "Transorb 2" technology begins to speed a lethal dose of weed-killing power directly into the target weed within minutes.
- Broad-spectrum herbicide delivers consistent performance under a wide range of conditions.
- Rate: Varies significantly; see product label.
- 10 L jug.
- PCP: 27487

Quicksilver Herbicide
- Controls Silvery-Thread Moss on greens and tees.
- Fast, visible symptom within 7 days of application.
- Very safe for use in an overseeding program.
- Rain-fast within one hour of application.
- Rate: 4.9 ml / 100 m^2 twice, 14 days apart.
- Use with non-ionic surfactant (i.e. Agral 90 or LI700) to improve coverage control.
- 237 ml Squeeze & Pour bottle.
- PCP: 30142

Markit Spray Pattern Indicator
- Non-phytotoxic temporary spray pattern indicator for application of pesticides and liquid fertilizers.
- Contains Saponin, a natural organic yucca extract, which acts as a tank-mix spreading agent.
- Also contains a proprietary component that improves nutrient uptake.
- Rate: 16 – 32 oz / 100 US Gallons.
- Available in Blue or Green.
- 2.5 US Gallon (9.46 L) container.

NEW!

Super Signal™ Blue Spray Pattern Indicator Concentrate
- Optimizes spray accuracy resulting in better coverage and reduced spray misses or waste.
- Temporary colour dissipates with moisture or sunlight.
- Concentrated non-toxic formulation.
- Rate: 16-32 oz / 100 US Gallons.
- 2.5 US Gallon (9.46 L) container.

Signal EZ Solupak Spray Indicator
- Non-permanent. Non-toxic spray pattern indicator for pesticide and fertilizers.
- Convenient "Toss & Go" water-soluble packets.
- Available in Green and Blue.
- Rate: 1 Solupak / 50 US gallons (189 L) of spray solution.
- 12 x 57 gram solupaks per box.

NEW!

Turf Max R-T-U Pigment Remover
- Ready-to-use cleaner designed to successfully remove turf pigment spray residue, grease, oil, and other difficult to remove substances from turf equipment.
- Safe on painted surfaces when used according to directions.
- 946 ml (1 US Quart) container includes spray pump trigger.

NEW!

Border T&O™ Spray Performance Adjuvant
- Enhances the performance of fungicides, herbicides, and insecticides by modifying the physical characteristics of the spray droplet – less droplet bounce.
- Conditions the spray solution, improving tank mix partner efficacy.
- Rates vary based on spray pressure – please consult product label.
- 2.5 US Gallon (9.46 L) container.

Super Spreader Sticker
- A non-ionic adjuvant which enhances the effectiveness of agricultural and non-crop chemicals.
- Foliage wettability is improved by forming a continuous, uniform film on the leaf surface.
- Works well in both hard and soft water.
- Rate: 1 – 2.5 ml / L of spray solution.
- 3.78 L container.
- PCP: 17402

BB5 Acidifier & pH Indicator
- Acidifying action – helps reduce pH in "hard" spray water resulting in optimum performance from pesticides.
- As spray water reaches optimum pH level of 4.5 to 5.5, indicator turns water a slight pink colour.
- Rate: varies from 40 – 220 ml / 100 litres of spray solution.
- 10 L container.

Breaker
- Concentrated anti-foaming and de-foaming agent.
- Can be added before or after spray solution has been mixed.
- For use with pesticide spray mixtures.
- 175 ml container.

Bio-Herbicides

FiESTA LAWN WEED KILLER

Contains Iron (4.43%) in the form of FeHEDTA, which controls a variety of broadleaf lawn weeds including Dandelion and Clover while being environmentally safe!

Before *(Broadleaf weed-infested turf)*

After *(44 days later, with 2 applications)*

- Kills broadleaf weeds on lawns
- Controls down to the root!
- Derived from iron, which occurs in nature
- Water-based – NO unpleasant odour
- Rain-fast in 3 hours and works in cool weather
- Fast acting – see results in hours!
- Also controls Algae and Moss

- Application rates vary from 372 mls to 1,488 mls of concentrate per 1,000 ft² depending on weeds being targeted. Please consult product label for complete information.
- Registered for home lawns and other turfgrass applications.
- Available in 4 litre, 10 litre, and 800 litre sizes.
- PCP: 29535

EcoClear

EcoClear is a highly effective, eco-friendly non-selective herbicide based on a synergistic a combination of acetic acid and citric acid. EcoClear gives visible results in just hours and leaves no harmful residues. It is safe to the applicator and the environment.

- For control of annual weeds and suppression of perennial weeds and grasses.
- Fast-acting – works in hours, not days
- Safe for pets once dried.
- Bio-degradable – no accumulation in soil
- Replanting / re-seeding can be done as weed is completely dead
- Early stage rate: 1 litre in 3 litres of water
- Late stage rate: 1 litre in 2.25 litres of water
- Available in a 10L and 200L containers
- PCP: 25528

FiNALSAN

Finalsan Pro herbicide is a patented fast-acting weed, grass, algae and moss killer. Using a specially formulated, non-staining ammonium soap of fatty acids, Finalsan is a non-selective herbicide that controls or suppresses many common annual, biennial, and perennial weeds. Safe to walk on once treated area is dry.

- For control of moss, annual broadleaf weeds and grasses
- Burns down perennial weeds
- Fast-acting – in as little as a few hours after application
- Rain-fast in 3 hours
- Bio-degradable and non-staining
- Ammonium Soap of Fatty Acids 22.1%
- Mixing rates vary from 55 ml to 200 ml per 1 litre of water depending on targeted weed.
- A 10 litre container of Finalsan treats between 323 and 2,153 ft² depending on mixing rate.
- Available in a 10 litre container.
- PCP: 30012

Sweepers, Spreaders, and Covers

Transportation Mode

Sweep Mode (wheels up)

Sweep Master® with Manual Lift Kit

Simply a proven better way to brush! The patent angled double-diamond brushes of the Gandy Sweep Master blends light or heavy top dressing and other turf building materials into the surface of greens, tees and fairways for tops in maintenance and immediate playability. Use on athletic fields and parking lots for a neat, clean, groomed appearance.

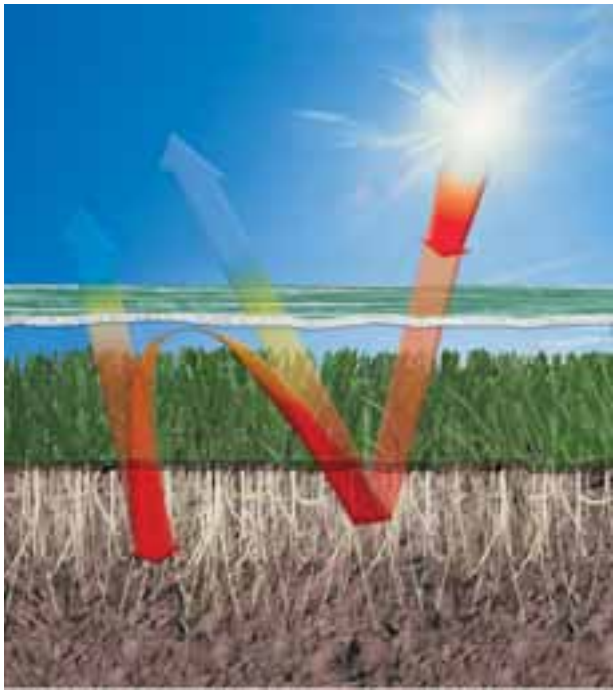
PART	DESCRIPTION	PRICE (G)
SWEEPMASTER	Includes Deck, Lift Kit, Brushes	**CALL**
BRUSH	CTN/8 Replacement Brushes	**CALL**
BRUSH-C	CTN/8 Soft Replacement Brushes	**CALL**

Gandy 36 Spreader

- Capacity: 1.8 cu. ft.
- Up to 120 lbs.
- Fixed-rate bottoms: Slotted openings from 3/16" to 1 1/2" available (requires spread plate for use).
- Rate gauge: Precision cam gauge, part of rate control slide.
- Shutoff: Handle lever closes slide.
- Wheels: 13" pneumatic.
- Lift handle: Standard
- Rate chart: Furnished

PART	PRICE (G)
GANDY36	**CALL**

Evergreen Turf Covers



Also Available:

- 7-year and 12-year **Evergreen** Permeable Covers
- 1-year and 3-year Impermeable **Ice Shields**

- The most trusted turf cover in the industry for over 25 years.
- Now with a **10-year** Pro-Rated warranty! (Originally 7-Year)
- Unique permeable material allows for infiltration of air, water, and sunlight for healthier turf.
- Heat penetrates the cover, warming the soil while excess heat escapes through the patented venting system. This process helps promote healthier root development.
- "Smart Edge" technology is non-fraying and can be cut to any shape.
- Can be used for over winter protection, overseeding, or new construction.
- Lab designed, golf course proven.
- Available in 5 standard sizes – 20' x 50', 50' x 60', 60' x 90', 70' x 90, 80' x 110' - plus custom dimensions.
- High-visibility pink staples included with all covers and also sold separately.

CALL FOR PRICING!

EarthWay EV-N-SPRED

EarthWay M21P Commercial 12-Volt Broadcast Spreader

- Can be mounted on a variety of vehicles such as zero turn mowers, ATVs, utility carts, etc. using the available kits.
- Durable 2" square steel tube epoxy powder-coated frame with 2-pin mount.
- Rustproof Poly hopper with 100 pound (45 kg.) capacity.
- Adjustable EV-N-SPRED® PRO Shut-off technology allows user to control balance of spread pattern for the left and right ports to match the output of the center one.
- Operated by pulling the spring to close shut-off control to the adjustable stop.
- Uses a high-torque 12-volt motor, mounted in the hopper and protected by a thermoplastic case to protect it from the elements.
- Wiring harness with ON/OFF switch and rain cover included.
- Manufacturer's 5-Year limited warranty.
- Use optional 77009ECM motor speed control to adjust spread pattern width.

PART	DESCRIPTION	PRICE (I)
M21P	Commercial 12-Volt Broadcast Spreader	**499.80**

EarthWay 2170T Commercial Tow Broadcast Spreader

- Ideal for applying fertilizers, etc. to a large property pulled behind a garden tractor or mower used commercially or by home owners alike.
- Large 100 pound (45 kg.) capacity rust-proof poly hopper means fewer stops for filling.
- The EV-N-SPRED® 3-hole drop system will allow for balanced spreading of all types of granular material – 8 to 12 foot spreader width.
- Tow hitch extension (included) allows the 2170T to fit all modern tractors on the market today.
- Super-duty gear box for long life.
- 13" pneumatic turf tires on heavy duty poly rust proof rims.
- 5-year Manufacturer's limited warranty.
- Optional rain cover available.

PART	DESCRIPTION	PRICE (I)
2170T	Commercial Tow Behind Broadcast Spreader	**310.45**
77002	Rain cover for 2170T Spreader	**36.25**

EarthWay M20 12-Volt ATV Mount Broadcast Spreader

- Features a rust-proof 80 pound (36 kg.) hopper.
- EV-N-SPRED® 3-hole drop shut-off system to ensure even coverage of fertilizer, seed, chemicals, and more.
- Equipped with 12-volt motor housed in a thermo-plastic case located inside the hopper, the M20 is engineered for performance and long life.
- The epoxy-coated steel frame features a load bearing capacity of 100 pounds (45 kg.) and is designed for horizontal mounting on the front or rear luggage racks of your ATV.
- Lever and gauge will mount on either side for easy "non-throttle hand" access.
- Includes wiring harness with ON/OFF switch, quick connect mounting hardware, and heavy-duty rain cover.
- Manufacturer's 5-Year limited warranty.
- Use optional 77009ECM motor speed control to adjust spread pattern width.

PART	DESCRIPTION	PRICE (I)
M20	12-Volt ATV Mounted Broadcast Spreader	**290.20**

77009ECM

77011

77021

EarthWay 12-Volt Spreader Accessories

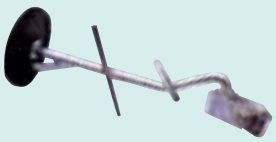
PART	DESCRIPTION	PRICE (I)
77009ECM	Motor Speed Control for M21P and M20 Spreaders	**250.00**
77011	Universal Mounting Kit for M21P Spreader	**57.75**
77021	2" Receiver Mount for M21P Spreader	**162.25**

Spreaders

P500 Fertilizer Spreader
Manufactured with high quality materials. All steel components are first degreased, cleaned and then varnished with espossidic powder and dried at over 200°C. Ideal for sowing wheat and other cereals as well as spreading salt and sand.
- Agitator included.
- 3-point hitch mounting.
- 1300 lb. capacity.
- 40'-45' max. spread width.
- Width: 46", height: 46".
- Weight: 115 lbs.

PART	DESCRIPTION	PRICE (F)
P500	1300 lb. Spreader	**CALL**
P500-A	Optional articulated agitator shown above	**CALL**
P500-S	Optional Sand Kit	**CALL**

3 Spray Patterns



Articulated Agitator (recommended for spreading powdery fertilizers. Can be mounted quickly and easily)

Ground Drive Fertilizer Spreader
- Spreading maximum 52 ft
- Floatation tires 20 x 10 x 8
- Transmission release
- Hopper opening by remote cable lever
- Loading height 51"
- Hopper 400 litres (1000 lbs.)
- Unit weight 306 lbs.

PART	DESCRIPTION	PRICE (G)
PTB560	1000 lb. Spreader	**CALL**

Lely WFR Spreader

Land wheel driven, the WFR broadcast spreader utilizes the same patented ejector disc technology as the HR PTO unit (also available). A unique wheel gear system lets the tires drive independently for uniform application, even on turns! Use for spreading fertilizer on golf courses, sports fields, parks, or green areas. Accurate for application of lime, seed, and sand, as well.

- Hopper capacity of 800 lbs. (350 kgs.)
- Forward speed of 4.5 mph (7.2 kph) gives an effective spreading width of 52' (16m)
- Disengagement for towing, remote rope feed control, and side-spreading adjustment is standard.
- 12" flotation tires, 46" wheel tread
- Spreader shown with optional hopper cover.

PART	DESCRIPTION	PRICE (G)
LELY-WFR	Ground Drive Spreader w/ flotation tires	**CALL**
LELY-HR	3-Point PTO Drive Spreader	**CALL**
LELY-COVER	Hopper Cover for Lely WFR and HR Spreaders	**CALL**

Spreaders

The Industry Standard

ProTurf

AccuPro 2000 Rotary Spreader

- Large 13" turf saver pneumatic wheels for an easier push.
- Large diameter frame is more durable.
- Patented helical cone for a uniform, consistent spread pattern.
- Lift handles in the front and back for easier loading and unloading.
- Extended handle with tuff-foam grips for added comfort.
- Hopper capacity: 42 litres.
- Spreading width up to 3.5 metres.

PART	DESCRIPTION	PRICE (I)
PRO-ACCUPRO	Spreader	**704.50**

SR-2000 Rotary Spreader

- Built with all the features of the AccuPro 2000 plus:
- New and improved larger diameter, stainless steel frame for more durability.
- On-off side deflector provides effective product delivery control.
- Standard port shut-off control for greater application efficiency.
- Hopper capacity: 42 litres.
- Spreading width up to 3.5 metres.

PART	DESCRIPTION	PRICE (I)
PRO-SR2000	Spreader	**851.50**

BigFOOT®

- Hopper: 3/16" poly, 1.75 cu. ft., 100 lb. max.
- On/Off: Spring loaded control.
- Gears: Self-lubricating.
- Rate Control: Mounted high on hopper.
- Wheels: 6/6, 3/4" SS axle.
- Tires: 13 x 5 rubber.
- Metal: Epoxy powder coat.
- Pattern Control: Both right and left hopper ports adjustable. Left port remote control from handle. Can be used for ice melt materials by closing right and left ports.
- Hopper Ports: Computer designed 3 hole pattern.
- Options: Hopper cover for rain, side deflector, and stainless steel frame, handle and leg.

Stainless steel model shown with optional side deflector

PART	DESCRIPTION	PRICE (I)
BIGFOOT	BigFOOT® Push Rotary Spreader.	643.35
BIGFOOT-HVO	BigFOOT® High Volume Output Spreader – Use for applying granular fertilizer or dry topdressing material.	988.90
BIGFOOT-D	Side Deflector Kit for BigFOOT® spreaders.	124.10
RAINCOVER-BF	Rain Cover for BigFOOT® spreaders.	32.50

CBR IV Spreaders

The CBR IV Series delivers landscaper quality features needed for regular use.

- Available with either an all stainless steel or powder-coated frame.
- Both models feature stainless steel impeller and axle.
- High impact rust-proof 70 lb capacity hopper.
- Fully enclosed, heavy duty impeller drive gears.
- 13" pneumatic tires.
- Spring loaded ON / OFF switch.
- Ergonomically designed handle with cushion grips.
- Optional side deflector & rain cover available.

PART	DESCRIPTION	PRICE (I)
CBR4	70 # Hopper, powder coat frame	486.45
CBR4SS	70# Hopper, all stainless steel frame	610.60
CBR4SS-D	Side Deflector Kit for CBR4 and CBR4SS	124.10
CBR4SS-RAIN	Rain Cover for CBR4 and CBR4SS	35.35

Belly Mount Spreader

- Pivoting agitator.
- Nylon "Rot-Proof" bag with zippered top.
- Sealed high-speed gear box.
- Variable control with spring shut-off.

PART	DESCRIPTION	PRICE (F)
2750L	Belly Mount Spreader	65.65

2150 Spreader

- Rust-proof 50 lb capacity hopper
- EV-N-SPRED® 3-hole shut-off system
- Heavy-duty epoxy powder coated "Diamond" chassis
- Super-duty gearbox for the long life
- 3-position height adjustable handle
- 13" pneumatic tires
- Optional deflector kit and rain cover available.

PART	DESCRIPTION	PRICE (I)
2150	2150 50# Hopper Spreader	256.20
2150-D	Side Deflector / H.D. Rain Cover Kit for 2150	82.25
2150-RAIN	Heavy Duty Replacement Cover for 2150	31.40
2150-SAND	3-Side Salt Deflector Kit for 2150	129.30

AccuRATE™ Calibrator

- Fits all PrizeLAWN BigFOOT®, CBR-II, and CBR-III; Scotts® R7X, R8, R8A, SR-1, AP2000, SR2000; LESCO™ Low Wheel, High Wheel and MKII®.
- Improves spreader performance.
- Increases turf quality.
- Reduces turf damaging mistakes.
- Allows closer label compliance.
- Saves money.

PART	DESCRIPTION	PRICE (I)
ACCURATE	Calibrator Attachment	319.60

Soil Surfactants & Conditioners

Dispatch

Dispatch is a patented technology that is specifically engineered to enhance water penetration. This synergistic blend of block co-polymer and polyglycoside surfactants helps you maintain turf performance while using significantly less water.

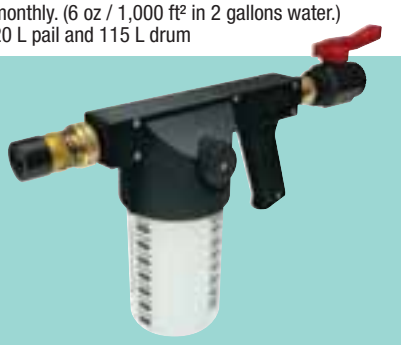
Dispatch has been proven to enhance soil wetting, improve infiltration, reduce leaching, and enhance fertilizer efficiency. It reduces wet spots in low turf areas and hot spots on mounds and steep slopes on golf courses. Make better use of your water!

- Reduce water use by 25% or more.
- Reduce runoff on sloped turf areas by 20% or more.
- Improve nitrogen and other nutrient efficiency by enhancing penetration and distribution of water.
- Compatible with most turf chemicals.
- Application Rate: .58 – 1.75 L per Ha. (8 – 24 oz per acre) every 1 – 3 weeks. Rates vary by frequency of application. Watering in not required.
- 10 Litre Jug and 115 Litre Drum

Primer 604

Primer 604 is a high performance soil surfactant that is the foundation of an effective rootzone management.

- Manages water repellency – the major contributor to localized dry spots.
- Written Guarantee Performance.
- Maintenance Rate: 125 ml / 100 m² in 7.5 L of water monthly. (4 oz / 1,000 ft² in 2 gallons water.)
- Treatment Rate: 190 ml / 100 m² in 7.5 L of water monthly. (6 oz / 1,000 ft² in 2 gallons water.)
- 20 L pail and 115 L drum



LiquidPro Wetting Agent Applicator Gun
See *"Golf Course Tools"* for complete details.

Revolution

Revolution is the only patented soil surfactant technology that promotes plant health by balancing water and air on the surface and in the rootzone under wet or dry conditions. Revolution helps you improve turf quality and maintain playability on putting greens and other turf areas under stress conditions while using less water.

- Uniform moisture, even across slopes.
- Consistency of turf conditions.
- Drier, firmer putting surfaces.
- Easier to re-wet after dry down.
- Quicker recovery from stress.
- Rate: 190 ml/100m² of REVOLUTION in 8 litres of water (6 fl oz./1000ft² in 2 gallons of water). Apply monthly beginning at least one month prior to the onset of stress conditions. Irrigation should be applied the evening after application to enhance product movement into the soil.
- Available in 10-litre jugs and 115-litre drums.
- CFIA Registration: 2008034A

BLAST

Blast Sprayable is an advanced sprayable acid, combining the performance of a strong mineral acid with the ease of handling and greater safety. Blast Sprayable will dissolve carbonates in the soil, opening up soil pores, which improves infiltration and percolation of water while also freeing up bound Calcium, Magnesium, and other nutrients.

- Application Rate Greens: 22 to 44 mls per 1,000 ft² in 7.6 litres of water.
- Application Rate Fairways: 946 to 1,893 mls per acre in 189 litres of water.
- Application Frequency: Apply once a week for three weeks and then every two weeks as needed through the growing season. Irrigate in after application.

10 litre

Primer 604 G Granular Soil Surfactant

A convenient-to-apply granular version of the popular liquid Primer 604.

- Great for spot treatment applications when using a sprayer is not practical or available.
- Maintenance Rate: 1.1 kg / 100 m² on a monthly basis. (Coverage: 19,570 ft² / bag)
- High Stress Turf Rate: 1.6 kg / 100 m² on a monthly basis. (Coverage: 13,455 ft² / bag)
- 20 kilogram bag

AQUAPLEX Ca

AquaPlex Ca is a liquid calcium treatment that provides readily available soluble calcium with an organic calcium solubilizing agent and patented Synergy Technology.

Ideal for turf managers that want to use a liquid calcium in their programs. Calcium is essential for building cell walls, stomatal regulation, and cold tolerance.

- Application Rate Greens: 174 mls per 1,000 ft² in 7.6 litres of water.
- Application Rate Fairways: 7.56 litres per acre in 189 litres of water.

10 litre

Spot Treatment Tablets

- Ideal for use when hand watering greens or other turf areas.
- 0.01-0.01-0.3 + 0.2% Iron formula.
- One tablet per average size green in 20 – 30 minutes or spot treat 6 – 7 greens. No need to water in after.
- 6 x 250 gram tabs per box.

Use with PelletPro Applicator Gun

(Shown at right with CloudBurst Nozzle)

Soil Amendments

There is a **Profile Porous Ceramic** (PPC) particle size for every area of your golf course, whether it's sand-based or native soil, for new construction, renovation or maintenance. Added to sand or soil, it increases drainage at the same time it increases moisture retention, a result of balancing air and water pore space in the root zone. And it does so permanently because it does not break down or decompose. PPC has been proven on thousands of golf courses and at major turfgrass universities across North America and around the world.

Profile Porous Ceramic is made of kiln-fired ceramic that is mined and produced in the USA exclusively by Profile Products LLC. A Profile particle is 74% pore space with approximately 39% capillary (water) pores and 35% non-capillary (air) pores. Available in Greens Grade and Field & Fairway Grade in both original "Natural" and "Emerald Green" colours to suit your application needs. The particle size of Profile Greens Grade makes it ideal for core aeration or light topdressing – 98% of particles are between .297 mm and .841 mm – well within USGA guidelines.

BENEFITS:
- Holds 93% of its weight in water
- and makes it plant available
- Drains faster than sand
- Reduces water usage up to 20%
- Prevents compaction
- Eliminates localized dry spots
- Reduces organic build up
- Dries out surface algae

FEATURES:
- CEC: 33 meg/100 g; pH: 6.5 +/- 2.5
- Very stable product, 3% degradation over 20 years.
- Internal air (non-capillary) pore space, 35%
- Internal water (capillary) pore space, 39%
- PPC Bulk Density = 945 lb per cu yd
- Dry Sand Bulk Density = 2,600 lb per cu yd

APPLICATIONS:
- Light/frequent topdressing programs
- Blended divot mix
- Backfill for aerification on greens, tees or fairways
- Blended in soil mix for construction or renovation
- Incorporate into landscape and potted plant soil

USGA Specified Topdressing Sand by Hutcheson

Topdressing / Divot Sand – Natural Colour or Dyed Green

Made to meet USGA specifications, Hutcheson's naturally colour or green-dyed "B" topdressing sand can assist in increasing green speed by providing a smoother putting surface. Dry and easy to apply with a rotary spreader without drag matting eliminates turf abrasion and encourages turfgrass plant health.

Both sands meet the identical specification with the green dyed version offering you a choice when performance and esthetics are equally as important.

- Green sand provides visually superior divot repairs on tees / fairways and on thin or worn areas on putting surfaces.
- Light application rates help prevent thatch buildup with fewer player interruptions – no matting in.
- Wear and tear on bed knives of mowing equipment is minimal as the USGA-specified sand penetrates the turf canopy extremely well, which virtually eliminates any pick-up.
- 79.2% of particles in the 0.25 – 1.0 mm size range (minimum 60% USGA guidelines).
- Washed and dried – 0% Silt; 0% Clay.
- Non-calcareous sand with a slightly acidic pH of 5.8; sub-angular to sub-rounded shape.
- Available in 50 lb plastic bags and 1500 lb or 3000 lb bulk totes.

Early Green™ Pre/Post – Winter Topdress Sand

USGA-specified Early Green™ Black Topdressing sand raises soil and turf temperatures in early spring, expediting spring growth and green-up. An excellent tool for cutting ice accumulations on putting surfaces because of its black colour and easy-to-apply dry particle size.

- Use as late fall topdressing or as an early spring tool to accelerate green-up or cut ice.
- Environmentally sound – no risk of fertilizer burn, wasted nutrients, or unwanted growth associated with the use of organic fertilizers.
- Manufactured to exceed USGA specifications.
- Penn State University proven!
- Available in 50 lb bags.

Lake & Pond Management Products

bactri pond

Ask Us About Our Bactri-pond Dosage Calculator

Bactri-pond consists of multiple environmentally friendly live microbial strains blended with enzymes and a naturally occurring bio-degradable chemical buffering agent. This combination has been specifically formulated to entrap dissolved nutrients (nitrogen and phosphorus) that are associated with the growth of problematic algae.

Easy-to-use "toss-n-go" solupaks makes application a breeze.

- Improves overall water clarity and appearance
- Controls noxious odours
- Impedes the growth and occurrence of problematic algae.
- Naturally degrades organic, suspended, and dissolved solids.
- Non-toxic to fish and wildlife when used at recommended rates.
- Initial "Priming" Rate: 1000 grams /acre foot /week for 2 weeks
- Maintenance Rate: 200 – 500 grams per acre foot per week after initial "priming"applications.
- 5 Kilogram Bag (200 x 25 gram toss-n-go solupaks)
- 500 Gram Bag size for small pond applications (50 x 10 gram toss-n-go solupaks)

True Blue Lake and Pond Dye
- Long-lasting natural blue colour
- Easy-to-use, highly concentrated formula.
- Safe to fish and wildlife.
- Liquid Rate: 946 ml / Acre Foot
- EZ Pak Rate: 1 pak / Acre Foot or 325,000 US Gallons
- 3.78 litre or 6 x 227 gram solupaks

Jet Black Lake and Pond Dye
- Imparts a black reflective colour
- Non-toxic to fish and wildlife
- Safe to use in irrigation ponds
- Liquid Rate: 946 ml / Acre Foot
- EZ Pak Rate: 1 pak / Acre Foot or 325,000 US Gallons
- 3.78 litre or 6 x 227 gram solupaks

Polydex
- For use as an algaecide in ponds, lagoons, dugouts,and potable water tanks.
- Do not apply to water containing fish without consulting with manufacturer.
- 16 ml./1000 L water=1 PPM of Active Ingredient.
- Rate (Algae Prevention): 1 L of Polydex per 60000 to 600000 L of water.
- 4 and 10 L container.
- PCP: 27770.

Devour Waste and Sludge Remover
- Blend of Enzymes and bacteria that accelerate the breakdown of partially decomposed organic matter.
- Reduces need for bottom dredging.
- Maintenance Rate: 680 to 907 grams per acre surface treated
- 6 x 227 gram water-soluble packets

Spectrum Nutrient Balancer
- Proprietary formula of bacteria reduces nutrient levels and suspended organic matter in water improving water clarity and quality.
- Reduces the need for algaecides and mechanical harvesting.
- Maintenance Rate: 680 to 907 grams per acre surface treated.
- 6 x 227 gram water-soluble packets

Reward Aquatic Herbicide
- For control of Duckweed, Coontail, Milfoil, and Algae in still or slow-moving water such as dugouts, farm ponds, lakes, and canals
- May be harmful to aquatic wildlife.
- Rate: See label as rates vary.
- 3.78 litre
- PCP: 26271

Pond Aerators, Fountains, & De-Icers

ARBRUX Limited
All you see and hear is water

- ***Canadian-made Floating Fountains, Floating Aerators, and De-Icers***
- ***A Wide Range of Models to Choose From to Suit Your Needs***
- ***All models carry the Arbrux 2-Year Warranty***

MIRAGE FLOATING AERATORS

Mirage floating aerators are the perfect addition to any body of water to improve water quality. All models are available in 1/2, 1, 2 & 3 HP.

With 4 available water spray patterns, it is easy to select the look and functionality that you desire. Using a propeller to pump water, the Mirage Aerator will move large volumes, keeping your body of water crystal clear economically and efficiently, while offering esthetic beauty.

PART	DESCRIPTION	PRICE (K)
ARB-302060130	½ HP 120V Bellflower Aerator 500GPM c/w 30m cable	**CALL**

DESTINY FLOATING FOUNTAINS

Whether it is a small pond or a large lake, a beautiful water feature can be installed with exceptional ease. Each Destiny fountain has a choice of 6 different spray patterns.

The Destiny line of floating fountains includes 1/2, 1, 2, 3, 5, 7.5 & 10 HP models. These fountains provide a beautiful aesthetic display while aerating the water naturally.

PART	DESCRIPTION	PRICE (K)
ARB-301060130	½ HP 120V Tulip Fountain 70 GPM c/w 30m cable	**CALL**

ARBRUX DE-ICERS

Arbrux De-Icers have been proven reliable in harsh Canadian winters. They are inexpensive insurance to help prevent winter ice damage. The De-Icer's high speed propeller brings the warmer, deep water to the surface creating open water. Typically a 1/2 HP Arbrux Limited De-Icer will clear 8 feet in diameter for every foot of propeller depth. In most cases an Arbrux De-Icer placed at a 5 foot depth will keep a 40 foot circle of water ice-free during extremely cold temperatures.

PART	DESCRIPTION	PRICE (K)
ARB-304060115	½ HP 120V De-Icer 500 GPM c/w 15m cable	**CALL**

The Vertex Bottom Aeration Advantage

Designed to be both efficient and cost effective, Vertex aeration systems can aerate up to an 18 acre lake with as little as 2/3hp! Very low monthly operation costs, low maintenance (self-cleaning diffusers), and no potentially dangerous electricity in the water.

Vertex bottom aeration systems create a vertical current using the rising force of millions of small bubbles to entrain the water column, "turning the lake over" and allowing oxygen to be absorbed at the lake's surface. By moving the lower-oxygen water up from the bottom and eliminating thermal stratification, oxygen levels throughout the water column are increased.

The Vertex aeration system consists of a small shore mounted air compressor (1/3hp - 1hp), feeding a configuration of self-cleaning flexible membrane diffusers. Positioned on the lake's bottom, each diffuser station produces millions of small 500 - 1000 micron sized bubbles, creating a slow moving current that entrains the entire water column providing aeration through surface contact.

CoActive AirStations™ Benefits:

- 5-Year "No Questions" Warranty.
- Self-cleaning membrane diffusers = less maintenance; no need to remove.
- More energy efficient = lower operating costs
- Self-weighted tubing = easier installation
- Lifetime rust warranty on QuietAir™ Cabinets

Let Even-Spray Help Plan the Right Vertex Aeration System to Suit Your Needs!

PART	DESCRIPTION	PRICE
VER-AIR1+XL2 (Treats up to 2 acre 9' – 20' depth pond)	Air 1+ Aerator c/w 115V Quiet Air 1 cabinet, 2 CoActive XL2 Air Stations, 100' Bottomline weighted tubing	**CALL**

Vertex Air1+XL2 Pond Aerator System

Safety Equipment and Supplies

PVC Gloves

PART	DESCRIPTION	PRICE (I)
GLOVE-PVC	4" PVC Chemical Glove - lined	4.95

Flexi-Grip Gloves

- Poly/Cotton knit w/ Latex-coated palm and fingers for extra gripping power.
- Great alternative to leather gloves.

PART	DESCRIPTION	PRICE (I)
FLEXIGRIP-*	Flexi-Grip Glove – sizes S to XL	3.15

Work Gloves

- Split leather/Cotton.
- Size Large only.

PART	DESCRIPTION	PRICE (I)
WORKGLOVE-SPLIT	Work Glove	2.35
WORKGLOVE-RED	Work Glove	3.30

Full Leather Work Gloves

PART	DESCRIPTION	PRICE (I)
WORKGLOVE-LEA-L	Leather Glove – Large	11.85
WORKGLOVE-LEA-X	Leather Glove – X Large	11.85

Dentec SPF 30 Sunscreen

PART	DESCRIPTION	PRICE (I)
DEN-SUNCREEN	Sunscreen 10 ml pouch, 50 / box.	46.00
DEN-SUNSCREEN1L	Sunscreen Lotion – 1 Litre pump.	32.50

Nitrile Chemical Glove

- 100 per box.

PART	DESCRIPTION	PRICE (I)
NITRILE-S	Nitrile – Small	13.00
NITRILE-M	Nitrile – Medium	13.00
NITRILE-L	Nitrile – Large	13.00
NITRILE-XL	Nitrile – X Large	13.00

Latex Disposable Gloves

- 100 per box.

PART	DESCRIPTION	PRICE (I)
LATEX-S	Latex – Small	10.65
LATEX-M	Latex – Medium	10.65
LATEX-L	Latex – Large	10.65
LATEX-XL	Latex – X Large	10.65

Soft Seal 31™ Hearing Protection

- Corded ear buds, 100 pair per box.
- Uncorded ear buds, 200 pair per box.
- Made from super-soft polyurethane foam for maximum comfort and fit.
- NRR 31dB, CSA Class (AL) – tested at a NVLAP accredited laboratory.

PART	DESCRIPTION	PRICE (I)
DEN-SOFTSEAL-C	Ear Plugs – corded, 100/ box.	33.80
DEN-SOFTSEAL	Ear Plugs – w/o cord, 200/ box.	29.00

Skeet Safe Insect Repellant

- 25% DEET formula – 6 hour protection!
- Towelette wipes or aerosol spray.

PART	DESCRIPTION	PRICE (I)
DEN-SKEETSAFE-S	Aerosol – 110 gram can.	8.75
DEN-SKEETSAFE-T	Towelette Wipes – 20 per box.	14.40
DEN-SKEETSAFE	Aerosol – 12 x 110 gram, (case)	105.00

Respirators

- Our 100% silicone respirator model is designed for heavy duty while the 400M unit is intended as a disposable unit with a maximum of 30 uses.

PART	DESCRIPTION	PRICE (I)
RESPIRATOR	Complete Respirator – premium 100% silicone.	48.85
RESPIRATOR400M	Complete Respirator – up to 30 Uses	31.95
100M	Silicone Mask Only	39.65
CARTRIDGE	Cartridge – 2 required.	5.80/ ea.
PREFILTER-2	Pre-Filter – 2 pack.	3.00
RETAINER-2	Pre-Filter Retainer – 2 pack.	3.40

Dust Masks

PART	DESCRIPTION	PRICE (I)
DUSTMIST	Mask for Dust/Mist 12/ box	23.65
DUST50	Mask for Dust Only – 50/ box	12.20

EnviroGuard Safety Coverall

- SMS fabric technology
- White; 25/case, priced by the unit.

PART	DESCRIPTION	PRICE (I)
SAFE	Coverall w/ Hood – LG	7.20
SAFE-1X	Coverall w/ Hood – XL	7.20
SAFE-2X	Coverall w/ Hood – 2XL	7.20
SAFE-3X	Coverall w/ Hood – 3XL	8.25
SAFE-4X	Coverall w/ Hood – 4XL	8.90

Safety Glasses

- Two styles to choose from – Catalina (clear or tinted lens) and Columbia (tinted lens only).
- Lightweight wraparound design for secure fit and comfort.
- 99.9% UV protection.
- Meets ANSI Z87.1 specifications.

PART	DESCRIPTION	PRICE (I)
DEN-CATALINA-C	Catalina – clear lenses	7.40
DEN-CATALINA-B	Catalina – brown lenses	7.40
DEN-COLUMBIA-B	Columbia – brown lenses	7.20

Vented Goggles

PART	DESCRIPTION	PRICE (I)
DEN-CAMBRIDGE	Goggle	7.50

NOTE: Prices subject to change after April 1, 2015. Please call to confirm.

Speakman Portable Eyewash Station

The SE-4300 GRAVITYFLO® portable, gravity operated eyewash station is the next best thing to a plumbed eyewash.

- 20 Gallon capacity exceeds 15 minute run time specified in ANSI Z358.1.
- Wide opening cap for cleaning & filling.
- includes one 8 oz. water preservative.
- Preservative refills sold separately.

PART	DESCRIPTION	PRICE (I)
DEN-EYEWASH	20 USG Portable Eyewash Station	CALL

BAYCO Golf Course Tools and Accessories

#222 Lever and Foot Extraction Hole Cutter
- Steel alloy construction for light weight and strength.
- Heat-treated cutting blades insure a clean cut hole.
- Hardwood T-handle.
- Available with straight or scalloped cutting blade – *PLEASE SPECIFY INSIDE OR OUTSIDE BEVEL.
- Replacement blades available separately.

PART	DESCRIPTION	PRICE(K)
222-*	Cup Cutter – Scalloped blade	**195.00**
223-*	Cup Cutter – Straight blade	**195.00**
220-IN	Scalloped Blade – inside bevel	**46.50**
220-OUT	Scalloped Blade – outside bevel	**46.50**
221-IN	Straight Edge Blade – inside bevel	**46.50**
221-OUT	Straight Edge Blade – outside bevel	**46.50**

#299 Colour-Flex Yardage Stakes
- Highly visible yet non-intrusive design.
- Highly resilient, permanent coloured flexible material; easily seen from the fairway or rough.
- Sold individually *(Specify Blue, Red, White, or Yellow)*.
- Installation kit includes mallet, auger bit, and extension tube.

PART	DESCRIPTION	PRICE(K)
299*	Colour-Flex Yardage Stake	**19.00**
299-01*	Replacement Flex Stake	**16.50**
299KIT	Installation Kit	**67.00**

3-Strand Braided Rope
- ¼" Diameter; sold in 1000 foot spools
- Available in Yellow (Y), White (W), Black (BK), Hunter
- Green (HG), and Green/White (GW). Please specify when ordering.
- Can be used with 289 Series Green Rope Stakes.

PART	DESCRIPTION	PRICE (K)
287-**	3-Strand ¼" x 1000' Rope	**44.50**
289-18	18" Tall Stake w/ 8" SS spike	**9.50**
289-24	24" Tall Stake w/ 8" SS spike	**10.50**

#1005 Tube Lock Greens Flags
- Constructed of 400 denier solar max nylon to resist UV rays and mildew.
- Sewn to molded one-piece plastic tubes.
- Standard colours: yellow, blue, red; others by request.
- Specify flag colour when ordering.

PART	DESCRIPTION	PRICE (K)
1005-T-Blue	Tube Lock-style Greens Flag Blue	**11.50**
1005-T-Red	Tube Lock-style Greens Flag Red	**11.50**
1005-T-White	Tube Lock-style Greens Flag White	**11.50**

Custom Made Dye-Sublimated Flags!

Why Choose Dye Sublimation Flags?
- Unlimited Colour and Graphics Choices
- Photo Quality finish on fabric – more durable and more fade resistant than other prints
- 3 Fabric choices to suit your needs and budget – daily use to special events

Contact Us For Complete Details!

250 Series 6" Tall Greens Cups
- Available in either durable high-impact ABS Plastic construction or powder-coated, die-cast aluminum.
- High visibility white.

PART	DESCRIPTION	PRICE (K)
250PL-B	ABS Greens Cup – white	**8.00**
250AL	Aluminum Green Cup – white	**21.50**

Cup Accessories

PART	DESCRIPTION	PRICE (K)
205	Cup Setter – aluminum	**47.50**
210	1-Prong Cup Puller (not shown)	**5.50**

150 Series Hollow Head Sand Trap Rakes
- Handle available in green (GR) or yellow (YE).
- Fiberglass handle - 7/8" diameter x 51" long.
- Rake head – UV stabilized high density poly.
- Octagon shaped rake head w/ diamond shaped teeth for ease of raking and reverse flat side for smoothing.

PART	DESCRIPTION	PRICE (K)
150**	Hollow Head Sand Trap Rake	**19.75**

#700 Ball Washer
- Aluminum Alloy cast with Stainless Steel and Polymer internal parts.
- Powder-coated finish durable for years.
- Mounts to a 2" pipe.
- Capacity: 0.9 US Gallons (3.4 Litres).
- Available in 7 colours plus custom orders.

PART	DESCRIPTION	PRICE (K)
700BW	#700 Single Golf ball Washer	**235.00**
701BW	Base for #700 Ball Washer	**120.00**
702A	Pipe for #700 Ball Washer 2" x 34"	**42.50**

808 Bell Tee Marker
- Cast from top grade aluminum.
- Powdered-coated, durable finish.
- Acts as broken tee receptacle.
- Includes Stainless Steel Spike.
- Available in Blue, Red, White, Yellow, and Black.

PART	DESCRIPTION	PRICE (K)
808	Bell Tee Marker w/ Spike	**36.50**

RUST-OLEUM Water-based Turf Marking Paint
- 100% Water-based easy-clean-up formula is fast drying – less than 5 minutes!
- Produces bright, easy-to-see vivid lines.
- Inverted spray can design with easy-clean locking tip guaranteed not to clog.
- Use on turf, pavement, gravel, and more.
- Sold by the case (12 x 17 oz. Cans)

PART	DESCRIPTION	PRICE(K)
MARKING-W	White Marking Paint 12/cs	**59.00**
MARKING-R	Red Marking Paint 12/cs	**59.00**
MARKING-Y	Yellow Marking Paint 12/cs	**59.00**
MARKING-B	Blue Marking Paint 12/cs	**59.00**

Golf Course and I.P.M. Tools

560 Spot Seeder
You can prepare a 100 sq. ft. area for over-seeding in about 20 minutes. The 1/4 inch pegs punch holes 1/2 to 3/4 of an inch deep. The small holes have a minimal effect on putting, allowing you to keep the area in play. The unit comes equipped with a spring operated ejection system to remove the pegs without tearing the turf.

PART	DESCRIPTION	PRICE (K)
560	Spot Seeder	**CALL**

The Sod Stripper™
The ideal tool for seamlessly repairing hydraulic oil spills or similar damage on putting greens.
- Adjustable depth from 5/8" to 1"
- Includes 2", 3", 5", and 7" blades

PART	DESCRIPTION	PRICE (K)
220	Sod Stripper (4 blades)	**CALL**

Soil Sampler Tool
- Chrome-plated steel construction
- Side discharge for easy sample removal
- Diameter: 1"; Length: 20"

PART	DESCRIPTION	PRICE (K)
235	Soil Sampling Tool	**43.50**

The Hex Plugger™
The most effective turf repair tool available. The hexagon shape allows for perfect edge to edge contact when multiple plugs are used – no unsightly gaps in your repairs! 7" hexagon pattern in two cut depths – 2" and 3."

PART	DESCRIPTION	PRICE (K)
107	Hex Plugger 7" x 2"	**CALL**
108	Hex Plugger 7" x 3"	**CALL**

661 Cup Auger
The Cup Auger is for those who want to go above and beyond the ordinary. Using this tool is the best way to achieve consistent cup depth on every green, no matter who is doing the job. It's as easy as 1-2-3!

1. Cut the new hole with any cup cutter.
2. Insert the Cup Auger and turn until collar rests on turf.
3. Remove Auger and discard removed soil.

PART	DESCRIPTION	PRICE (K)
661	Cup Auger	**CALL**

LiquidPro™ Wetting Agent Applicator Gun
Now, with unmatched speed and uniformity, you can virtually "paint" your turf with liquid wetting agents, fertilizers, and micronutrients – can cover over 1,000 ft² in less than a minute.
- The perfect tool for syringing localized dry spots on greens and tees when using a boom sprayer is impractical.
- Includes the patented Precision™ Cloudburst™ nozzle constructed of aircraft aluminum and stainless steel that delivers up to 48 GPM @ 80 PSI!
- Adjustable and removable metering dial offers 10 additive settings including "water only".
- Comes with a 1" FHT x ¾" MHT brass adapter - LiquidPro™ works with both ¾" and 1" hoses.
- Convenient 6-pack refill bottles means more time on the course spraying and less time refilling at the shop. Sold separately.

PART	DESCRIPTION	PRICE (K)
LIQUIDPRO	LiquidPro Applicator Gun with Cloudburst Nozzle	**210.95**
LIQUIDPRO-6	6-Pack of 946 ml Refill Bottles w/ Carry Tray	**93.45**
LIQUIDPRO-1	946 ml Refill Bottle Only	**8.90**

PelletPro™ Applicator Gun
The PelletPro™ gun is designed to accept all wetting agent and nutrient tablets and provides a powerful, yet ultra-soft spray when watering or applying to tight, hydrophobic soils.
- 48 GPM capability gets the job done faster!
- Ultra Heavy-Duty – brass fittings, aircraft aluminum, stainless steel, and precision engineered glass-filled materials.
- Patented Precision™ Cloudburst™ nozzle delivers large droplets in an outstanding fan pattern.
- PelletPro™ rotates pellets at 1 revolution per second to evenly dissolve/ apply wetting agent and nutrient products.

PART	DESCRIPTION	PRICE (K)
PELLETPRO	PelletPro Wetting Agent Applicator Gun	**118.55**

Integrated Pest Management Tools

EXTECH Humidity / Temperature Pen
Pocket-sized combo pen measures air temperature and relative humidity at the same time.
- Humidity 10 to 85% and -10 to 50ºC readings range.
- Min/Max memory functions for display of both readings.
- Excellent for use in a greenhouse or outdoor setting such as a golf course.
- Includes LR44 battery and pocket clip.

PART	DESCRIPTION	PRICE (I)
XTECH-44550	Temp/Humidity Pen	**45.40**

EXTECH Waterproof Thermometer
Pocket-sized thermometer measures temperatures of solids and liquids.
- 2.75" Stainless Steel probe.
- Switchable ranges from -40 to 200ºC or -40 to 392ºF.
- Convenient 5.9" long w/ pocket guard.
- Great for use as a soil thermometer in the greenhouse or in the field.
- Includes LR44 battery.

PART	DESCRIPTION	PRICE (I)
XTECH-39240	Thermometer	**28.35**

EXTECH Dial Stem Thermometer
5" Stainless Steel probe with 2" dial face digital thermometer.
- Dual temperature ranges from -50 to 300ºC or -58 to 572ºF.
- Basic accuracy of 1ºC or 2ºF.
- ON/OFF switch saves battery life; also has auto off after 1 hour of non-use.
- Includes 1.5V battery and protective plastic sheath with pocket clip.

PART	DESCRIPTION	PRICE (I)
XTECH-392050	Thermometer	**34.05**

Humidity/Temperature Datalogger
The RHT10 Datalogger with USB connectivity is the must have tool for your IPM reporting needs.
- Datalogs 32,000 readings (16,000 temperature, 16,000 humidity).
- Selectable sampling rate from 2 sec to 24 hour intervals.
- Includes long-life 3.6V Lithium battery and software for Windows® 98, 2000, XP, and Vista.

PART	DESCRIPTION	PRICE (I)
XTECH-RHT10	Datalogger	**109.90**

NEW!

SC-1 Spot On Sprayer Calibrator
Accurately measures the flow rate of spray tips in seconds.
- Helps avoid costly over or under application of chemicals or fertilizers – excellent IPM tool.
- Fast and simple operation – readings in 10 seconds or less per spray tip.
- For flow rates of 1 GPM or less (equivalent to a size "10" spray tip operating @ 40 PSI.)

PART	DESCRIPTION	PRICE (I)
SC-1	Spot On Calibrator	**215.65**

Macroscope 25
- Magnification as microscope: 25x
- Magnification as telescope: 8x
- Field of view: 5/16" (8mm)
- Working distance: 2 3/4" (70mm)
- Depth of focus: 1/2" (13mm)
- Height: 8.8" (224mm)
- Weight: 10 oz. (285g)

PART	DESCRIPTION	PRICE (I)
MACROSCOPE	Macroscope w/pouch	**190.90**

Waterproof ExStik® II pH / Conductivity Meter
The EXTECH pH / Conductivity Meter is the perfect tool for greenhouse grower and golf course superintendent alike. Whether testing irrigation water for acidity or salts levels, the EC500 Combo Meter does the job.

FEATURES:
- Measures 5 parameters including Conductivity, TDS, Salinity, pH, and Temperature using one electrode.
- 9 units of measure: pH, µS/cm, mS/cm, ppm, ppt, mg/L, g/L, C°, and Fº.
- Analog bargraph indicates trends.
- Memory stores up to 25 labeled readings.
- Adjustable conductivity to TDS ratio from 0.4 to 1.0; 0.5 fixed salinity ratio.
- RENEW feature alerts user when electrode probe needs replacement.
- Auto power off and low battery indicator.
- Waterproof to IP57.
- EC500 includes electrode, protective sensor cap, sample cup with cap, four 3V CR-2032 batteries, and 48" (1.2m) neck strap.
- Conductivity: 2.00 to 19.99 mS/cm.
- pH: 0.00 to 14.00 pH.
- Temperature: -5 to 90ºC.
- Replacement probe and calibration solutions sold separately.

PART	DESCRIPTION	PRICE (I)
XTECH-EC500	pH/Conductivity Meter	**188.40**
XTECH-EC505	EC500 Replacement Probe	**85.05**
HI-7007	pH 7 Buffer Solution 500 ml	**17.30(K)**
HI-7004	pH 4 Buffer Solution 500 ml	**17.30(K)**
HI-7031	1413 Conductivity Sol. 500 ml	**17.30(K)**
HI-7061	Probe Cleaning Sol. 500 ml.	**17.30(K)**
HI-70300	Probe Storage Sol. 500 ml	**17.30(K)**

Integrated Pest Management Tools

WM10 Wind Meter
- Measures wind speed in MPH, KPH, M/S, or knots.
- 0.5 to 67 MPH range.
- Auto OFF feature.
- Water resistant.
- Backlit LCD display.

PART	DESCRIPTION	PRICE (F)
WM10	Wind Meter	**80.55**

WM20 Wind/Temperature Meter
- Dual display – wind speed and temperature or wind chill.
- MPH, KPH, M/S, FT/min, or Beaufort.
- Replaceable plastic impeller.
- Lanyard included; also threaded for tripod use.

PART	DESCRIPTION	PRICE (F)
WM20	Wind/Temperature Meter	**137.00**

WM-300 Portable Weather Station

The WM-300 is the first wind meter with a humidity sensor that never needs calibration. The extensive features of this unit make it the preferred choice of outdoor professionals.
- Wind – current, maximum, and average readings in MPH, KPH, Kt, BF, FT/min, & M/seconds.
- Cross, head, and tail wind calculation measured using built-in digital compass.
- Temperature (C or F), wind chill, relative humidity, dew point, and comfort index.
- Accurate to within 3%
- Water and shock resistant.
- Auto OFF feature.

PART	DESCRIPTION	PRICE (F)
WM-300	Portable Weather Station	**173.35**

SP-6400 Soil Moisture Meter
- Analog meter measures any type of soil with just one calibration.
- Resistance-type sensor located at tip of 9" stainless steel probe.
- Indicates "0" (dry) to "10" (saturated).

PART	DESCRIPTION	PRICE (K)
SP-6400	Soil Moisture Meter – 9" probe	**150.65**

LIGHTSCOUT DLI 100 Light Meter
- Measures PAR light (Photosynthetically Active Radiation) or with simple push of button, meter runs for 24 hours and calculates your Daily Light Integral (DLI).
- Displays light intensity every 4 seconds.
- Battery included; water-resistant.
- Great for greenhouse or outdoor use.

PART	DESCRIPTION	PRICE (K)
SP-3405B	DLI 100 Light Meter	**73.60**

MIN / MAX Thermometer
- For measuring minimum, maximum, and present temperature in both ºF and ºC.
- Mercury filled for best accuracy.
- Ideal for greenhouse use.

PART	DESCRIPTION	PRICE (H)
MINMAX	Min / Max Thermometer	**35.50**

Wireless Rain Collector w/ Temperature
- Unit displays cumulative total for past 24 hours or cumulative total for past 7 days.
- Collector can be placed up to 100 feet (30 meters) from the main unit.
- Includes indoor and outdoor wireless thermometers and rain alarm.
- LCD displays rainfall amounts in millimetres.

PART	DESCRIPTION	PRICE (K)
SP-3526WT1	Wireless Rain Collector	**128.85**

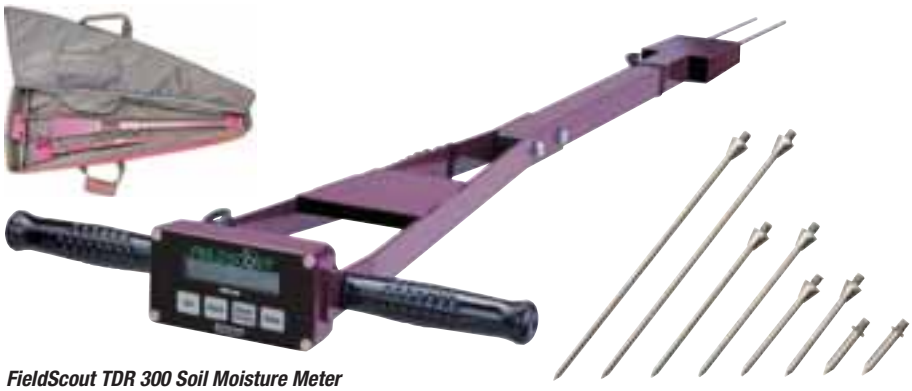
Rain Gauge
- Removable collection tube – easy to empty.
- Calibrated in Inches/Centimeters *(up to 6"/35 cm).*
- Built-in cumulative tracking dial.

PART	DESCRIPTION	PRICE (F)
RAINGAUGE	Rain Gauge with dial	**9.40**

Measuring Jugs
- Calibrated in Millilitres and U.S. Ounces.

PART	DESCRIPTION	PRICE (F)
MEASURE-1	1 Litre Capacity Jug	**8.95**
MEASURE-2	2 Litre Capacity Jug	**9.95**

Golf Course and I.P.M. Tools



FieldScout TDR 300 Soil Moisture Meter

- Instantaneous readings of root zone soil moisture.
- Equipped with internal data logger and RS-232 port.
- Configure and download meter with included FieldScout software (standard 9-pin serial port cable; adapter required for USB connectivity is sold separately.
- Records 3,250 measurements; ±3.0% accuracy.
- Software, carrying case included; stainless steel probes sold separately – specify size when ordering.
- Requires 4 AAA batteries (included).
- **Also available** – TDR 100 Series handheld Soil Moisture meter. Call for more information.

PART	DESCRIPTION	PRICE(K)
SP-TDR 300	TDR 300 with carry case	**1288.10**
SP-TDR 100	TDR 100 with carry case	**897.15**
SP-TDR-ROD**	Stainless Steel Probes – (pair) 1.5", 3", 4.8" and 8" sizes – specify size when ordering.	**73.95**

FieldScout TruFirm Turf Firmness Meter

- Supported with USGA-developed technology
- Measures golf course turf conditions for firmness.
- Portable and easy to use.
- Bluetooth capabilities for instant analysis
- **Contact your Even-Spray Turf Sales Rep for more details.**

WatchDog 3617ARS Soil/Air Temperature Station

- Install these mini data logging stations across multiple microclimates to study soil and air temperature trends.
- Logs 4,000 intervals set at 1 - 120 minutes apart.
- Operating Temperature: -30 to 60°C.
- Temperature Range: -40 to 85°C.
- Runs of a single CR2 battery (included) – 12-month life expectancy on battery.
- Ideal for golf course, nursery, and agricultural applications.
- Includes Model A125 Data Logger, External Temperature Sensor, and mini radiation shield.
- Requires the use of SpecWare 9 Pro software and the A-Series PC Connection Cable.

PART	DESCRIPTION	PRICE(K)
SP-3617ARS	Soil/Air Temp Logger Station	**273.05**

WatchDog B-Series Button Temp. Data Loggers

Don't let their small size and price fool you!

- Water resistant (IP56) stainless steel case
- Select measurement intervals from 1 to 120 minutes.
- Log either 2000 or 8000 intervals depending on model chosen.
- Range: -40 to 85°C
- Internal sensors.
- Integral non-replaceable battery.
- SpecWare 9 Pro software and B-Series docking station are required.

PART	DESCRIPTION	PRICE(K)
SP-100 2K	Temp. Logger – 2000 intervals	**45.40**
SP-100 8K	Temp. Logger – 8000 intervals	**81.50**

FieldScout GreenIndex+ Turf Health Application

- Quantify turf colour and quality.
- Identify turf stress before it's too late!
- Help manage fertilization and irrigation practices.
- **Contact your Even-Spray Turf Sales Rep for more details.**

Turf Spy Early Stress Detection Glasses

- See plant and turf stress 2 to 10 days before it is visible to the naked eye.
- Ideal for detecting the early onset of certain turf diseases and localized dry spot.
- An excellent IPM tool for professional turf managers.
- As dying plants signal distress in how they absorb / reflect light, Turf Spy's light filtering technology allows the user to detect these areas in turf.
- ANSI-approved safety glasses – polycarbonate lens.

PART	DESCRIPTION	PRICE(K)
TURFSPY	Detection Glasses w/ Case	**67.10**

WatchDog Data Logger Software & Accessories

SpecWare 9 Pro Software

- Compatible with Windows XP, Vista, and 7.
- Fully customizable reporting or choose from 13 standard versions.
- Choose your units of measurement, and language preferences.
- Free downloadable software updates.
- Use with A and B Series Dataloggers.
- Includes, CD, PC Interface cable, and manual.

Spectrum Technologies, Inc.

PART	DESCRIPTION	PRICE(K)
SP-SPEC9PRO	SpecWare 9 Pro Software	**342.15**
SP-3661A	A-Series PC Cable – USB	**36.20**
SP-3655K1	B-Series Docking Station - USB	**97.75**

Greenhouse/Nursery Fertilizers

Controlled Release Fertilizers – For Greenhouses, Nurseries, and Landscapes

Even-Spray is very pleased to offer the very best and complete range of controlled-release fertilizers to suit your entire greenhouse, nursery, and landscape needs. Whether the application is greenhouse containers such as hanging baskets, trees or shrubs grown in containers or the field, or the perfect landscape setting, Even-Spray has the product for you. We offer both topdress and soil incorporation fertilizers depending on your application in a range of release rates, with and without micronutrient packages. Call us to discuss your needs!

Nutricote – The World's Most Consistent Controlled-Release Technology

Nutricote 14-13-13 Type 100

Nutricote is the world's most predictable controlled release technology available. The unique and pliable resin coating used allows for very safe and predictable release characteristics.

Nutricote 14-13-13 Type 100 is well suited for Manitoba and Northwest Ontario greenhouse and nursery fertilizer programs because of its release period of approximately 100 days.
20 Kilogram bag.

Qualities:
- *Use on flowers, vegetables, and other crops.*
- *Excellent for low-soil or soilless mixes*
- *Coating will not crack from freezing*

Application Guide:

	Low	Med.	High
Incorporation Rate (kg / m³)	2.5	5.0	8.0

Low Rate Crops: Bedding Plants, Greenhouse Vegetables, Forestry Seedlings, Rhododendron, Azalea, Ferns, Orchids, African Violets.

Medium Rate Crops: Nursery Crops, cut Floral crops.

High Rate Crops: Most pot crops.

We advise that additional sources of Calcium, Magnesium, and Micronutrients be used in conjunction with Nutricote 14-13-13 Type 100.

If you require a Nutricote product with Micronutrients, we recommend 13-13-13 Nutricote "Total", please inquire.

Unique Nutricote Qualities:

Based primarily on temperature, the release rate of a specific coating Type (i.e. Type 100) is highly predictable. For example at a constant temperature of 25ºC (77ºF), Type 100 coating will release 80% of its nitrogen evenly over a 100-day period. Cooler temperatures lengthen release and warmer temperatures shorten it. Moisture, pH, soil type, and microbial activity do not influence release significantly.

- *High Nitrate Nitrogen Content*
- *True control of nutrient release by temperature*
- *Minimal nutrient loss from excessive release*
- *Highest degree of crop safety*
- *Release Types from 40 to 360 days (@25ºC)*

ACERnt – Acer Economy and Nutricote Technology Blended into One Fertilizer

ACERnt 13-12-12

Designed for greenhouse hanging baskets, ACERnt 13-12-12 can be used in different applications where a balanced N-P-K fertilizer is required for topdress or soil incorporation. Can be used as a part of a complete fertility program with Plant Prod soluble fertilizers or as a stand-alone product.
20 Kilogram bag.

Qualities:
- *High Nitrate formula; safe for greenhouse use*
- *Topdress or incorporate versatility*
- *Controlled-release micronutrient package*
- *3 – 4 Month Release Rate*
- *Performance & Value in one product*

Application Guide:

		Low	Med.	High
Incorporation Rate (kg / m³)		2.5	4.5	6.5
Topdress Rate				
Container SIZE	Container VOLUME			
5" std. Pot	0.95L	2 g	5 g	7 g
6" std. Pot	1.7L	4 g	8 g	12 g
1 gallon	2.5L	6 g	12 g	20 g
2 gallon	5.5L	15 g	25 g	40 g
3 gallon	9.5L	25 g	45 g	70 g
5 gallon	15L	35 g	75 g	110 g
7 gallon	37L	50 g	100 g	150 g

If using water-soluble fertilizer, reduce the rate of ACERnt 13-12-12 by half.

Product Analysis:

Total Nitrogen (N)..... 13%
Available Phosphoric Acid (P_2O_5)..... 12%
Soluble Potash (K)..... 12%
Magnesium (Mg)..... 0.4%
Boron (B) (actual)..... 0.062%
Copper (Cu) (actual)..... 0.068%
Iron (Fe) (actual)..... 0.493%
Manganese (Mn) (actual)..... 0.146%
Molybdenum (Mo) (actual)..... 0.005%
Zinc (Zn) (actual)..... 0.193%

OTHER POPULAR ACERnt FORMULAS:
- 17-7-10 Short Season Incorporated
- 17-7-10 One Season Incorporated
- 19-4-12 Topdress

ACER – One-Season Blended Fertilizer Technology For Economy and Performance

ACER 24-6-8 Topdress

Acer 24-6-8 is a blend of coated and uncoated fertilizer for all-purpose topdress applications intended to release over a 2 – 3 month period. This versatile blend can be used in container stock, field grown applications, and in landscape settings where a high nitrogen fertilizer is needed.
20 Kilogram bag.

Qualities:
- *Economical blend of Ammoniacal & Urea nitrogen*
- *Over 90% coated Nitrogen source*
- *Controlled-release micronutrient package.*
- *2 –3 Month Release Rate*

Application Guide:

		Low	Med.	High
Topdress Rate				
Container SIZE	Container VOLUME			
5" std. Pot	0.95L	1.5 g	2.5 g	3.5 g
6" std. Pot	1.7L	2.5 g	4 g	6 g
1 gallon	2.5L	3.5 g	6 g	9 g
2 gallon	5.5L	7 g	13 g	19 g
3 gallon	9.5L	13 g	22 g	33 g
5 gallon	15L	21 g	35 g	50 g
7 gallon	37L	30 g	50 g	75 g
Large Areas	Per 0.1m²	25 g	40 g	55 g

Product Analysis:

Total Nitrogen (N)..... 24%
Nitrate Nitrogen..... 0%
Ammoniacal Nitrogen..... 1.75%
Urea Nitrogen..... 22.25%
Available Phosphoric Acid (P_2O_5)..... 6%
Soluble Potash (K)..... 8%
Magnesium (Mg)..... 1.1%
Boron (B) (actual)..... 0.06%
Sulphur (S)..... 4%
Copper (Cu) (actual)..... 0.06%
Iron (Fe) (actual)..... 1.81%
Manganese (Mn) (actual)..... 0.15%
Molybdenum (Mo) (actual)..... 0.0015%
Zinc (Zn) (actual)..... 0.365%

Only to be applied as a surface treatment, not to be incorporated. Refer to product label for complete instructions and precautions.

Greenhouse/Nursery Fertilizers

Plant Products Soluble Fertilizer - For Greenhouse, Garden and Landscapes

Plant Products has been making high quality water soluble fertilizers for nearly 60 years. Plant-Prod is totally soluble, and in warm water goes into solution almost instantly. Plant-Prod is manufactured by their exclusive "Turbo" process developed specifically for making high quality water soluble fertilizers. Plant-Prod offers a complete range of water soluble fertilizer formulas to suit all your growing needs. Here is an offering of Even-Spray's more popularly sold soluble formulas.

PLANTPRODUCTS®

PLANT-PROD® SOLUTIONS

SOLUTIONS Formulas – Fresh Solutions for Today's Plant Nutrition

Solutions 18-9-18 pH Reducer

pH Reducer has a potential acidity high enough to prevent or correct high pH in growing media. Convenient and safe, pH Reducer will reduce or even eliminate the need to use acid to lower media pH. The effect of a lowered pH combined with an enhanced micro package is perfect for many of the newer spring plants like Petunias.
15 Kilogram bag.

Total Nitrogen (N)	18%
Nitrate Nitrogen	9.3%
Ammoniacal Nitrogen	8.7%
Urea Nitrogen	0%
Available Phosphoric Acid (P_2O_5)	9.0%
Soluble Phosphorus (P)	3.9%
Soluble Potash (K_2O)	18%
Potassium (K)	14.9%
Magnesium (Mg)	0.2%
Sulphur (S)	4.80%
Micronutrients	Fe, Mn, Zn, Cu, B, Mo

Solutions 15-0-20 No Stretch

Intended to be used in the latter part of the growing cycle, No-Stretch has a strictly engineered composition designed to maintain compact sturdy growth. Internodes are kept short by limiting ammoniacal nitrogen and eliminating urea and phosphorous. Increased potassium levels build a firmer cell wall, and the enhanced micro package ensures a superior finished plant.
15 Kilogram bag.

Total Nitrogen (N)	15%
Nitrate Nitrogen	11.5%
Ammoniacal Nitrogen	3.5%
Urea Nitrogen	0%
Available Phosphoric Acid (P_2O_5)	0%
Soluble Phosphorus (P)	0%
Soluble Potash (K_2O)	20%
Potassium (K)	16.6%
Calcium (Ca)	3%
Magnesium (Mg)	1%
Micronutrients	Fe, Mn, Zn, Cu, B, Mo

Solutions 17-5-17 Complete

Complete is an advanced all-in-one nutritional program providing all 5 macronutrients in one package (N, P, K, Ca and Mg). This balanced growth formulation provides high levels of nitrate with no urea. Enhanced micronutrients with triple chelation ensure complete nutrition over a wide pH range.
15 Kilogram bag.

Total Nitrogen (N)	17%
Nitrate Nitrogen	12.4%
Ammoniacal Nitrogen	4.6%
Urea Nitrogen	0%
Available Phosphoric Acid (P_2O_5)	5%
Soluble Phosphorus (P)	2.1%
Soluble Potash (K_2O)	17%
Potassium (K)	13.9%
Calcium (Ca)	3%
Magnesium (Mg)	1%
Micronutrients	Fe, Mn, Zn, Cu, B, Mo

Other SOLUTIONS Formulas Available:

- Fertility Plus 19-2-19
- Total Plus 19-8-13
- Fusion 17-5-17
- pH Buffer 18-6-24

PLANT PROD Original Formulas – Tested for Quality, Made to Perform

PLANTPRODUCTS

Plant-Prod 20-8-20 High Nitrate

This Higher Nitrate fertilizer is ideal for plants grown in soilless media and forms the backbone of many greenhouse growers' nutritional programs. Over 60% of the nitrogen is in the nitrate form, making it an ideal formulation for any time of the year even during low light conditions. Use alone or in rotation with Cal-Pot or Cal-Mag to provide a balanced fertilizer program.
15 Kilogram bag.

Total Nitrogen (N)	20%
Nitrate Nitrogen	12%
Ammoniacal Nitrogen	8%
Urea Nitrogen	0%
Available Phosphoric Acid (P_2O_5)	8%
Soluble Phosphorus (P)	3.4%
Soluble Potash (K_2O)	20%
Potassium (K)	16.6%
Magnesium (Mg)	0.15%
Micronutrients	Fe, Mn, Zn, Cu, B, Mo

Plant Prod 20-20-20 Classic

This general-purpose water-soluble fertilizer is very effective on all types of plants. Its balanced formula may be used whenever a more general formulation is required. Its high percentage of ammoniacal and urea nitrogen will provide rapid green up and leaf expansion while the balanced phosphorous and potassium will encourage root and shoot growth.
15 Kilogram bag.

Total Nitrogen (N)	20%
Nitrate Nitrogen	5.9%
Ammoniacal Nitrogen	3.85%
Urea Nitrogen	0.25%
Available Phosphoric Acid (P_2O_5)	20%
Soluble Phosphorus (P)	8.7%
Soluble Potash (K_2O)	20%
Potassium (K)	16.6%
Micronutrients	Fe, Mn, Zn, Cu, B, Mo

Plant Prod 15-0-15 Cal-Plus

The Cal-Pot Special is a completely water soluble prilled mixture of calcium nitrate, potassium nitrate and micronutrients. With over 90% of the nitrogen in the nitrate form and no urea, Cal-Pot is very effective under low light conditions. With a relatively high potential basicity this formula can be used to raise media pH. Prilled form improves product flowability.
15 Kilogram bag.

Total Nitrogen (N)	15%
Nitrate Nitrogen	13.9%
Ammoniacal Nitrogen	1.1%
Urea Nitrogen	0%
Available Phosphoric Acid (P_2O_5)	0%
Soluble Phosphorus (P)	0%
Soluble Potash (K_2O)	15%
Potassium (K)	12.4%
Calcium (Ca)	11%
Micronutrients	Fe, Mn, Zn, Cu, B, Mo

Some of the other popular PLANT-PROD Original Formulas Available:

- Plant Starter 10-52-10
- High Phosphorus 15-30-15
- Acid Fertilizer 21-7-7
- High Nitrogen 28-14-14
- Optimum Cal Mag 12-2-14
- Pioneer 15-15-18
- Cal-Mag 14-0-14
- Finisher 12-0-44
- Super K 20-5-30
- Turf No Phos 38-0-10
- Poinsettia Plus 18-6-20
- Forestry Starter 11-41-8
- Forestry Special 20-8-20
- Forestry Finisher 8-20-30

Fertilizers - Miscellaneous

Plant Prod Fertilizer Rate Chart for Dosatron® Injectors

	Grams of Plant Products Fertilizer per Litre of Concentrate								
	100 ppm Nitrogen			150 ppm Nitrogen			200 ppm Nitrogen		
Injector Ratio:	1:50	1:100	1:200	1:50	1:100	1:200	1:50	1:100	1:200
Plant Prod 15-0-15, 15-15-18, 15-30-15, 15-15-30, Solutions 15-0-20	34	67	133	50	100	200	67	133	266
Plant Prod Solutions 18-9-18, Plant Prod 18-6-20	28	56	111	42	83	167	56	111	222
Plant Prod 20-20-20, 20-8-20, 20-5-30	25	50	100	38	75	150	50	100	200
Plant Prod 14-0-14	36	71	143	54	107	214	71	143	286
Plant Prod Solutions 17-5-17C	29	59	118	44	88	177	59	118	235
Plant Prod 12-2-14, 12-0-44	42	83	167	63	125	250	83	167	335
Plant Prod 21-7-7	24	48	95	36	71	143	48	95	190
Plant Prod 28-14-14	18	35	70	27	55	105	35	70	140

How To Use This Chart:

1. Pick the Plant Products fertilizer and choose the desired Parts per Million (ppm) of Nitrogen required.
2. Determine the injector ratio of your Dosatron (1:50 = 2.0%; 1:100 = 1.0%; 1:200 = 0.5%).
3. Add the required amount of fertilizer per litre of water into your stock tank solution as indicated.

Not Using An Injector?

Here's the formula to determine your own Parts per Million Nitrogen:

$$\frac{\text{Grams of fertilizer product}}{\text{Litres of water in solution}} \times \text{grade of fertilizer} \times 10 = \text{ppm}$$

For Example, Using Plant Prod 20-8-20:

$$\frac{\text{1 Gram of 20-8-20}}{\text{100 Litres of Water}} \times \text{20 (grade of fertilizer)} \times 10 = \text{2 ppm}$$

Common Antagonisms Occurring in Crops

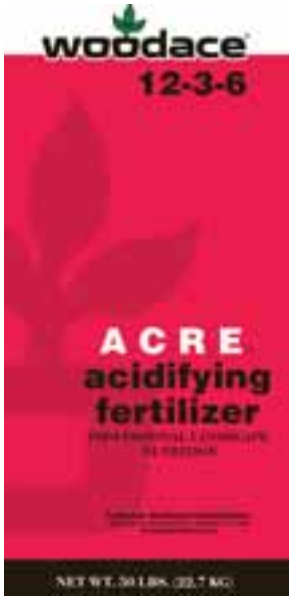
Nutrient in Excess	Induced Deficiency
N	K
K	N, Ca, Mg
Na	N, Ca, Mg
Ca	Mg
Mg	Ca
Ca	B
Fe	Mn
Mn	Fe

Woodace® products are designed to help professionals care for landscape beds and ornamentals. The Woodace® product line offers a range of premium fertilizers for a variety of trees, shrubs, and groundcovers. Woodace® products provide the ultimate addition to enhance your maintenance program. Discover the opportunity in the Woodace® product line today!

Woodace® 12-3-6 A.C.R.E.

Woodace® 12-3-6 A.C.R.E. is especially formulated for Azaleas, Conifers, Rhododendrons, and Evergreens that thrive in acidic soils. Woodace® A.C.R.E. is also ideal for fertilizing plants where micronutrient availability is limited by high soil pH. Woodace® A.C.R.E. will aid in maintaining a slightly acidic soil pH which is ideal for most evergreens and foundation plants.

- Easy-to-spread granular topdress formula for planting beds and other non-turf areas.
- 56% Controlled release nitrogen derived from METH•EX 40 Methylene Urea.
- Contains Sulphur, Iron, & Manganese.
- Apply around dripline of individual plants or broadcast @ 0.8 to 2.5 lbs / 100ft²
- 50-pound bag.



Woodace® 14-4-6 Tablet

Woodace tablets fertilize new plantings for up to eighteen months. Formulated with IBDU slow release nitrogen, each 17-gram tablet simulates a liquid injection site with the advantage of less labour and longer feeding. Unlike fertilizers that are blended into the backfill, tablets can provide essential nitrogen without burning delicate root hairs.

- Tablets are designed to provide safe, slow feeding of established and newly planted landscape ornamentals and container stock.
- IBDU N offers exceptional slow release characteristics and a very low salt index.
- Contains Mg, S, Fe, Mn, & Zn.
- Application rates vary; consult label.
- 22.5 lb Pail (roughly 600 tablets)

IBDU

Dosatron Injectors

Sustainable fertilizer injection solutions for Greenhouses, Garden Centers, and Nurseries

For beautiful, healthy plants and blooms, professional growers have been turning to Dosatron for trusted experience. With Dosatron, your plants get the right amount of nutrients every time. Dosatron's versatile fertilizer injectors are the industry gold-standard for quality and reliability. Dosatron's injectors are great for fertilizers, insecticides, fungicides, algaecides, acids, wetting agents, and disinfectants. Dosatron injectors can be used in a variety of installations and configurations including wall mount, boom mount, and can be used in a portable set-up like Dosatron's DosaCarts.

Dosatron's injectors are engineered to provide repeatable results with minimal maintenance, saving you time and money. Adjusting the amount of fertilizer injected is easy with their ratio-selector stems. Product reliability, outstanding customer service, predictable results - Discover the difference Dosatron can make in your greenhouse, garden center, nursery or floral department.

DI14
- Pipe Size: ¾" NPT (male)
- GPM: 0.05 to 14 GPM
- Pressure: 4.3 to 85 PSI
- Ratio: 1:500 to 1:50
- Percentage: 0.2% to 2%
- Includes: Mounting bracket, suction hose with strainer and weight, operating manual.

PART	DESCRIPTION	PRICE (I)
DI14	Injector – 14 GPM	**530.40**

DI45
- Pipe Size: 1" NPT(male)
- GPM: 0.4 to 20 GPM
- Pressure: 7 to 70 PSI
- Ratio: 1:500 to 1:66
- Percentage: 0.2% to 1.5%
- Includes: Bypass, mounting bracket, suction hose with strainer and weight, operating manual.

PART	DESCRIPTION	PRICE (I)
DI45	Injector – 20 GPM	**768.60**

D8R-E2
- Pipe Size: 1½" Male NPT
- GPM: 2.2 to 40 GPM
- Pressure: 2 to 110 PSI
- Ratio: 1:500 to 1:50
- Percentage: 0.2% to 2%
- Includes: Bypass, mounting bracket, 6 ft. suction hose w/ weighted strainer, user manual.

PART	DESCRIPTION	PRICE (I)
D8R-E2	Injector – 40 GPM	**1030.35**

D20S
- Pipe Size: 2" NPT (male)
- GPM: 5 to 100 GPM
- Pressure: 2 to 120 PSI
- Ratio: 1:500 to 1:50
- Percentage: 0.2% to 2%
- Includes: Set of legs, manual bypass, suction hose with strainer, vacuum breaker, operating manual.

PART	DESCRIPTION	PRICE (I)
D20S	Injector – 100 GPM	**3313.05**

1" T- Strainer w/ 200 Mesh Screen
- Recommended for use with DI14 Injector.
- 1" Female NPT, removable flush-out cap.
- Strainer and replaceable screen sold separately.

PART	DESCRIPTION	PRICE (B)
126ML1-LS	1" Nylon Filter – No Screen	**23.65**
16903-7	200 Mesh Screen	**16.30**

Dosatron 1½" Y-Filter w/ 200 Mesh Screen
- Use with DI45 and D8R Dosatron injectors.
- Complete with 200 Mesh Screen and clean-out.
- Replacement screen sold separately.

PART	DESCRIPTION	PRICE (I)
D8R-Y-FILTER	1.5" Y-Filter - Complete	**137.95**
AKF200M40GPM-A	Replacement Screen	**129.55**

PVC 1-Way Check Valve
- Used on the outlet side of your Dosatron injector to prevent damage from water hammer.
- Call for additional sizes and pricing.

PART	DESCRIPTION	PRICE (C)
CVPVC0750	¾" Check Valve F x F NPT	**7.35**
CVPVC1500	1½" Check Valve F x F NPT	**14.85**

Dosatron Injector Service Kits & Parts

We stock a wide range of service kits and parts for Dosatron injectors; please call us!
- DI14 Injector – Service Kit #PJDI116VF
- DI45 Injector – Service Kit #PJ096VF
- D8R Injector – Service Kit #8PJ052VF
- D8R-E2 Injector – Service Kit #PJDI120VF

Before

After

Dosa-Klean Injector Cleaner

Easy-to-use water soluble toss pack cleaner helps maintain your Dosatron injector's performance.
- 85-gram packet makes 1 gallon of solution.

PART	DESCRIPTION	PRICE (I)
DOSA-KLEAN	Injector cleaner	**12.85**

Stock Solution Tank
- Open top with removable lid
- 50-Gallon capacity (48" tall x 28" diameter)
- 70- gallon size also available; call for pricing.

PART	DESCRIPTION	PRICE (I)
E50W	50 Gallon Tank	**181.10**

Greenhouse Watering & Spray Equipment

__Dramm__ Corporation manufactures a complete line of professional greenhouse tools and equipment including hose-end watering tools, irrigation systems, chemical application equipment, and most recently, environmental controls. __Dramm__ is the most respected name within the industry. Even-Spray stocks a wide range of __Dramm__ watering equipment to meet your growing needs.

Fogg-It Nozzles

- Designed for misting seedlings or raising humidity.
- Female GH thread; volumes rated at 40 PSI.

PART	DESCRIPTION	PRICE(F)
FOGG	½ GPM Super Fine Nozzle	**13.85**
FOGGF	1 GPM Fine Nozzle	**13.85**
FOGGL	2 GPM Low Volume Nozzle	**13.85**
FOGGH	4 GPM High Volume Nozzle	**13.85**

All Dramm watering products – shut-offs, extensions, breakers, and nozzles - are sold separately so that you can customize your equipment to your specifications!

Wand Extensions

- Light-weight aluminum w/ padded foam comfort grip.
- Female GH x Male GH thread.

PART	DESCRIPTION	PRICE(F)
DRAMM16	16" Extension	**12.15**
DRAMM2	24" Extension	**13.25**
DRAMM30	30" Extension	**14.35**
DRAMM3	36" Extension	**14.95**
DRAMM4	48" Extension	**16.05**
DRAMMB	30" Hanging Basket Extension	**15.45**

Dramm Hose-end Accessories

- Filter recommended for use with seedling nozzles.
- Ring protects 400, 750, 1000 series water breakers.

PART	DESCRIPTION	PRICE(F)
DRAMM-ILF175	Filter w/ 80 mesh screen	**25.05**
DRAMM-ILFE175	80 mesh screen only	**8.40**
DRAMM-ILFE080	Optional 200 mesh screen	**8.40**
400RING	Rubber protective ring	**1.95**

Water Breakers

- A wide range of water breakers to choose from.
- Female GH thread; volumes rated at 40 PSI.

PART	DESCRIPTION	PRICE(F)
400AL	Aluminum Full-flow - 11.1 GPM	**22.15**
400PL	Poly Full-flow - 11.1 GPM	**7.00**
750PL	Poly Mid-flow - "Lemonhead"	**16.75**
1000PL	Poly Low-flow Seedling – 7 GPM	**16.35**
1000PL-N	Poly Low-flow Narrow Seedling	**16.75**
1000PL-W	Poly Low-flow Wide Seedling	**16.75**
170AL	Aluminum Low-flow – 7 GPM	**14.75**
170PL	Poly Low-flow – 7 GPM	**5.85**
480PL	Poly Low-flow Seedling – 7 GPM	**7.80**

Seedling Nozzle

- Designed for seedlings, cuttings, delicate plants.
- Hollow cone fine droplet pattern; GH

PART	DESCRIPTION	PRICE(F)
510C	Seeding Nozzle 1/2 GPM @ 40 PSI	**10.40**

Dramm Watering Can

- 5-Litre capacity; long-lasting rust-proof poly.
- Extra long spout with detachable brass rose.

PART	DESCRIPTION	PRICE(F)
DRAMMWATERCAN	5-Liter watering can	**28.35**

Dramm Trigger Series Shut-off Valves

- Both valves feature full flow 11 GPM @ 40 PSI, Female GH X Male GH thread, and soft, yet durable rubber grips.
- 65C – Squeeze Trigger w/ locking mechanism.
- 14700 – Easy-slide Thumb Valve action

PART	DESCRIPTION	PRICE(F)
65C	Squeeze Trigger Valve	**13.90**
14700	Easy Slide Thumb Valve	**19.40**

DRAMM

Shut-off Valves

- All models feature Female GH x Male GH thread.
- All Dramm valves are full port for maximum flow.

PART	DESCRIPTION	PRICE(F)
74VALVE	Dramm HD Poly Shut-off	**22.15**
300	Dramm Brass Shut-off	**28.80**
300AL	Dramm Aluminum Shut-off	**26.80**
075HGB	Brass GH x GH Shut-off	**26.35**

MS20-100 Chemical Sprayer

- Includes 100' hose, Gun, Cart/Tank, & Hose Reel.
- Up to 0.5 GPM; Maximum pressure to 500 PSI.

PART	DESCRIPTION	PRICE(I)
MS20-100	20 Gallon Hydraulic Sprayer 120V	**CALL**

Micro and Drip Irrigation

Dramm Misty Mist 360º Nozzles

- deal for overhead mist propagation, irrigating plugs, or raising humidity levels.
- Misty Mist nozzles produce a 6 foot spray pattern when placed 5 feet above your greenhouse crop with 3 foot spacing.
- Available in three different GPM ratings to suit your specific needs.
- No moving parts; easy to maintain, simple to set up.
- Can be installed upright or inverted overhead or on greenhouse bench risers, as required.

Misty Mist Nozzle Performance (Gallons / Minute)

PART NUMBER	COLOUR	ORIFICE DIAMETER	36 PSI	73 PSI
MISTY-BW	Blue/White	1.0 mm	0.17	0.22
MISTY-RW	Red/White	1.25 mm	0.27	0.35
MISTY-BLK	Black/White	1.50 mm	0.39	0.50

PART	DESCRIPTION	PRICE(H)
MISTY-BW	Misty Mist Nozzle – Blue/White	**2.00**
MISTY-RW	Misty Mist Nozzle – Red/White	**2.00**
MISTY-BLK	Misty Mist Nozzle – Black/White	**2.00**

Dramm Assembly Insert

- Threaded gasket that provides quick installation and a leak-free seal for Dramm irrigation nozzles.
- 3/8" interior Whitworth tapered thread to match up with Misty Mist and Pin-Perfect nozzles. Also fits the Dramm No-Drip Riser Extension.
- USED WITH SCHEDULE 40 PVC ONLY; DO NOT use with schedule 80 PVC pipe.
- Easy to use – drill 7/16" hole in pipe, insert gasket into hole, and thread in your irrigation nozzle.
- Recommended for use at operating pressures up to 50 PSI.

PART	DESCRIPTION	PRICE(F)
MISTY-INSERT	Dramm Insert Assembly	**.85**

3/8" Whitworth Thread X ½" FNPT Riser Adapter

- ½" Female NPT X 3/8" Whitworth Female Thread adapter allows for the use of Misty Mist and Perfect-Pin nozzles on a ½" diameter irrigation riser.

PART	DESCRIPTION	PRICE(F)
MISTY-ADPT	Riser Adapter ½" x 3/8" WW	**1.95**

Dramm Pin-Perfect Watering Nozzle

- Designed for foliage, bedding plants and 4" to 6" pots in the greenhouse.
- Easy "ON – OFF" Push Pin operation.
- 10' Diameter spray pattern when positioned 5 feet above the crop.
- Nozzle spacing from 3 ½' to 10 feet apart depending on configuration.
- Designed to be installed on the topside of overhead pipe or on greenhouse bench risers.
- 7 Nozzle sizes to choose from.

Pin-Perfect Nozzle Performance (Gallons / Minute)

CAP COLOUR	ORIFICE DIAMETER	15 PSI	22 PSI	29 PSI	36 PSI
Brown	2.55 mm	0.61	0.74	0.85	0.95
Green	2.65 mm	0.69	0.82	0.95	1.08
Grey	2.75 mm	0.77	0.90	1.03	1.17
Blue	2.80 mm	0.79	0.95	1.11	1.27
Red	2.95 mm	0.87	1.03	1.21	1.40
Orange	3.05 mm	0.90	1.11	1.29	1.48
Black	3.25 mm	0.98	1.21	1.40	1.60

PART	DESCRIPTION	PRICE(H)
PINPERFECT-**	Pin-Perfect Nozzle – *please specify colour when ordering.*	**2.05**

Cooling Shrub Nozzles - 90º or 180º

- Ideal for targeted irrigation or cooling.
- 10 to 60 PSI; 14.3 to 34.3 GPH.
- 10-32 UNF Male thread.
- Easy to install in poly pipe – drill 5/32" tap hole and thread in using a 5/16" nut driver.

PART	DESCRIPTION	PRICE(E)
SN90	90º (half circle) Shrub Nozzle	**.50**
SN180	180º (full circle) Shrub Nozzle	**.50**

Pressure Compensating Drip Emitters

- Available in 2 sizes - 1 GPH and 2 GPH.
- Silicon diaphragm for longer life.

PART	DESCRIPTION	PRICE(F)
EM10	EM-10 Emitter – 1 gallon / hour	**.75**
EM20	EM-20 Emitter – 2 gallons / hour	**.75**

Rotor Rain G Mini Sprinkler

- Low trajectory, large droplet mini sprinkler.
- 'C' Frame design for strength and high distribution uniformity.
- Full flow flipper suspended between two bearings for reliable performance.
- Rotor can be replaced with break-off spray deflector for close-in watering of immature crops.
- ½" Male NPT base; 0.055" Orifice size.
- Other sizes available by special order; please inquire.

Rotor Rain Green Mini Sprinkler Performance

PRESSURE (PSI)	FLOW (GPH)	DIAMETER (FT.)*	STREAM HEIGHT (FT.)
15	20.0	26.0	1.8
20	23.5	30.0	1.8
25	26.5	30.0	1.8
30	29.2	30.0	2.1

**NOTE: Diameter based on sprinkler head 8" above ground.*

PART	DESCRIPTION	PRICE(F)
ROTORAIN-G	Mini Rotor Sprinkler	**2.60**

Dramm No-Drip Extension Check Valves

- Helps control drip from overhead pipelines by shutting off when water pressure is below 11 PSI.
- Used primarily when Dramm irrigation nozzles (such as Pin-Perfect and Misty Mist) are installed on the bottom side of over crop PVC water lines.
- Can be used optionally on topside installations.
- Includes a built-in filter to help keep check valve and attached nozzle from clogging.

PART	DESCRIPTION	PRICE(H)
MISTY-EXTENSION	No-Drip Extension	**3.30**

Dramm 11 Gram Emitter Weight

- Barbed connection for secure fit.
- Zinc / Aluminum alloy – NO lead.
- Dual Port for even output.
- Use with 0.130" Dramm tubing.

PART	DESCRIPTION	PRICE(I)
DRAMMWEIGHT	Dramm Emitter Weight	**.40**

NOTE: All Drip Tubing and Poly Pipe is located in our Landscape Irrigation section of the catalogue.

Biological Pest Control

Keys to Establishing a Successful Biological Control Program

As pest problems evolve, and traditional chemical controls become less effective or less available, more and more growers are looking to biological control programs to meet their pest control needs. There are 3 core building blocks that need to be established in order to ensure success with your Biological control program.

1. **Maintain a sanitized growing environment** – It is important to establish Pre/Post and In-season cleaning programs for your facility to ensure you keep your growing environment free of weeds and other host environments for the unwanted pests. There are a number of products available to help you with this.

KleenGrow (Chemprocide)

A mild quaternary ammonium chloride compound designed to kill bacteria, and provide excellent mildew control in your greenhouse.

Strip-It

A combination cleaning and wetting agent helps remove white wash, algae, dirt, and calcium deposits from your greenhouse

Horti-Klor

An active chlorinated detergent designed to help meet the highest greenhouse sanitation standards

2. **Monitoring & Scouting** – It is important to know what pests you are dealing with and when to introduce your beneficial biological control agents. Establishing a weekly scouting and monitoring program is essential. Use yellow and blue sticky cards (1 card/1000 ft2) and an eye lens to monitor flying insects such as Thrip, whitefly, fungus gnats, shoreflies and winged aphids, as well as your beneficial populations. Keeping records of your observations will go a long way to ensuring the success of your biological program. Also use THRIPHER (Thrip pheromone lure) 1 per 1000 ft2 to help detect Thrip populations earlier and get a jump on your program. The use of Aphid Banker Plants will assist in an early establishment of a beneficial biological population ahead of your aphid population and are an essential tool in successful aphid biological control program.

3. **Commitment to the Program** – It is essential that once you commit to a biological program you stay with it. Unlike traditional chemical control programs your results are slower to develop and it is imperative that you begin the program ahead of your pest pressure and form a preventative perspective, as opposed to the curative mentality that is associated with most chemical control programs. Commitment to a biological control program does not mean that all chemical controls are eliminated from your program it just means that you need to be more diligent in your choice of, and timing of application of, the chemical control products need to use to control other problems or pests.

Getting Started with Biological Controls

Nemasys-Nematodes (Steinernema feltiae)

One of the easiest ways to get acquainted with biological control agents is by using Nemasys. It has a long shelf life compared to other biological controls, it is easy to apply; it can be done through your injector/irrigation system, or as a dip for cuttings and plugs when they come in, and it is not unduly impacted by most of the traditional chemicals used in greenhouses today.

For these reasons Nemasys is a nice stepping stone for those wishing to start into a biological control program. As well, Nemasys is the gate keeper for most fungus gnat and Thrip biological control programs; it keeps population levels of down by attacking the pupae and larvae stages of both these pests, and the adult stage of Thrip, as well.

Benefits

- Fast acting - 24 to 48 hours to kill,
- Long term control, will reproduce in soil
- No re-entry requirements
- No pest resistance problems
- Compatible with other Bio control programs
- Non toxic, no need for protective clothing
- Can be applied easily through; injectors, irrigation, sprinklers, backpack sprayers, or transplant lines

Application Tips

- Apply soon after potting
- Ensure nematode solution is constantly agitated during application
- Do not apply in direct sunlight
- Apply to moist soil
- Mist or moisten soil within 30 minutes of initial application to move nematodes from soil surface

Biological Pest Control

Fungus Gnat

- Adult fungus gnats are grey to black, about 3-4 mm long with long legs, thread-like antennae, and large compound eyes that meet above the base of the antennae.
- Each female lives about 10 days and lays about 150 oval, white eggs in the organic matter of the media.
- Eggs hatch in 2-7 days, depending on the temperature, producing white larvae that are 4-6 mm long.
- The larvae feed for 5-14 days before pupating, after which adults emerge in 4-6 days.
- As with other insects, fungus gnats become more active and reproduce more quickly at warmer temperatures.
- The life cycle can be completed in 21 days at 24°C, compared with 38 days at 16°C.

Shorefly

Beneficial Insect	Pack Size	Timing of Application	Method of Application	Stage Controlled	Unit Coverage
Steinernema feltiae (Nematodes)	50 milion	Dip cuttings, Bi-weekly after	Dip, Sprench, Injector	Larvae Larvae	50 litres(dip) or 1000 ft²
Hypoaspis miles or aculeifer	2500	At Sticking and at Transplanting	Sprinkle lightly on soil	Larvae	2500 ft²
Atheta coriaria	100 vial	Once at each planting	5ml piles out of sunlight	Eggs, Larvae, Pupae	1000 ft²

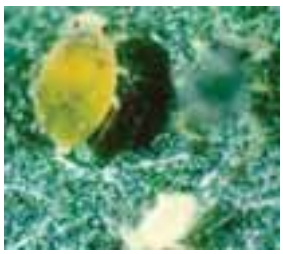
Western Flower Thrip

- Adult western flower thrips are approximately 1-2 mm in length and generally yellowish-brown in colour.
- The life cycle consists of the egg, larval, prepupal, pupal, and adult stages.
- Female adult western flower thrips live up to 30 days and lay 2-10 eggs per day.
- At 20°C, development from egg to adult takes approximately 19 days, reducing to 13 days at 25°C.
- The eggs are inserted into soft plant tissues, including flowers, leaves, stems and fruit.
- The larval stage consists of 2 instars that feed and develop on the leaves, flowers and fruit.
- The prepupal and pupal stages often complete their development on the ground or growing medium, but pupation can also take place on the plant.
- The pupa is a non-feeding stage during which the wings and other adult structures form.

Thrip Life Cycle

Beneficial Insect	Pack Size	Timing of Application	Method of Application	Stage Controlled	Unit Coverage
Steinernema feltiae (Nematodes)	50 milion	Dip cuttings, Prevent Bi-weekly High Pressure Weekly	Dip, Sprench, Injector Sprench, Injector	Pupae and Adult, Pupae and Adult Pupae and Adult	50 litres 1000 ft² 1000 ft²
Hypoaspis miles or aculeifer	2500	Once on Plugs, Pots, at Transplanting	Sprinkle lightly on soil	Pupae	2500 ft²
Amblyseius cucumeris	20,000 500 sachet	Weekly Monthly	Sprinkle on leaves 1 sachet per pot	Larvae Larvae	2000 ft² 500 pots
Amblyseius swirskii	25,000 500 sachet	Weekly Monthly	Sprinkle on leaves 1 sachet per pot	Larvae Larvae	2500 ft² 500 pots
Atheta coriaria	100 vial	Once at each planting	5ml piles out of sunlight	Pupae	1000 ft²

Green Peach Aphid



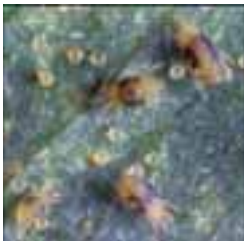
- Identification of aphid species is critical to successful control, especially biological control.
- All individuals are female.
- They give birth to live young, which in turn can reproduce within 7-10 days. Individual aphids can give birth to 60-100 young (depending on host plants and nutritional status) over a 20-day period.
- Aphid numbers can rapidly build up to very large populations.
- The green peach aphid is commonly a light greenish-yellow, but it can be a darker green or sometimes a pink/rose colour.
- The foxglove aphid is green, often quite shiny and with two darker patches on its abdomen at the base of the cornicles.
- Aphids with short antennae are controlled with A. colemani and those with long antennae are controlled by A. ervi.

Foxglove Aphid

Beneficial Insect	Pack Size	Timing of Application	Method of Application	Stage Controlled	Unit Coverage
Aphidius colemani	500	3 applications every 7-14 days	Disperse on plant	Adult	10,000 ft²
Aphidius ervi	250	3 applications every 7-14 days	Disperse on plant	Adult	5,000 ft_2
Aphidius mix (ervi & colemani)	500	3 applications every 7-14 days	Disperse on plant	Adult	1000 ft²
Aphid Banks	1	Monthly	Disperse in crop	n/a	2 per acre

Biological Pest Control

Two Spotted Spider Mite



- The eight-legged female adult is approximately 0.5 mm long with a rounded abdomen.
- The male is distinguished from the female by its smaller, narrower body and pointed abdomen.
- Adults range from pale yellow to orange to brown.
- After mating, each female mite lays approximately six pearl white eggs a day.
- Over an average lifetime, a female lays 100 or more eggs on the undersurface of foliage.
- Newly hatched mites pass through the typical six-legged larval stage and eight-legged protonymph and deutonymph stages.
- The last of these phases is an immobile resting stage, very tolerant of miticides.
- The life cycle from egg to adult ranges from 23 days @ 15°C to just 4 days @ 32°C.
- Multiplies fast under hot, dry conditions.

Foxglove Aphid

Beneficial Insect	Pack Size	Timing of Application	Method of Application	Stage Controlled	Unit Coverage
Amblyseius californicus	25,000	Weekly for at least 2 applications	Apply to infested area	Adult, Eggs, Nymphs	2500 ft²
Phytoseiulus persimilis	25,000	Weekly for 3 weeks	Apply to infested area	Adult, Eggs, Nymphs	12,500 ft²

Greenhouse Whitefly

- Adult whiteflies are small, white, winged insects about 1.5-2 mm long.
- They lay eggs (which are too small to be seen clearly without a microscope) on the underside of the youngest leaves.
- A female whitefly might lay up to 300 eggs during her lifetime and can live up to two months.
- The nymphs or crawlers hatch in 5-10 days, are flat and scale-like and crawl around for a short while before becoming immobile.
- Adults emerge after three nymphal stages and one pupal stage.
- Old pupal skins and adults may be found on the underside of lower leaves, which may have symptoms of wilt.
- On average, the whitefly completes its life cycle in 35 days at 18°C and in 18 days at 30°C.

Silver Leaf Whitefly

Beneficial Insect	Pack Size	Timing of Application	Method of Application	Stage Controlled	Unit Coverage
Encarsia formosa	5000	Weekly	Hang card on crop stem throughout crop	All stages of larvae	15,000 ft²
Eretmocerus eremicus	5000	Weekly	Hang card on crop stem throughout crop	All stages of larvae	15,000 ft²
Eretmix (eremicus & formosa)	5000	Weekly	Hang card on crop stem throughout crop	All stages of larvae	15,000 ft²
Poinsettia Mix(mundus & formosa)	7000	Weekly	Hang card on crop stem throughout crop	All stages of larvae	10,000 ft²

Technical Information for Using Bio-Controls

Nemasys 1:100 Injector Charts For Fungus Gnats

Frequent Light Application every 2–3 weeks

Treated Area ft²	# of Trays	Water Vol (gal)
1,100	1 x 50 million	0.50
2,200	2 x 50 million	1.00
3,300	3 x 50 million	1.50
4,400	4 x 50 million	2.00
5,500	1 x 250 million	2.50
11,000	2 x 250 million	5.50
16,500	3 x 250 million	8.30
22,000	4 x 250 million	11.00

Less Frequent High Rate Applications 4-6 weeks

Treated Area ft²	# of Trays	Water Vol (gal)
550	1 x 50 million	0.25
1,100	2 x 50 million	0.50
1,650	3 x 50 million	0.75
2,200	4 x 50 million	1.00
2,750	1 x 250 million	1.25
5,500	2 x 250 million	2.75
8,250	3 x 250 million	4.13
11,000	4 x 250 million	5.5

Nemasys 1:100 Injector Chart For Western Flower Thrip

Initial Soil Drench 50 gallons/1000 ft²

Treated Area ft²	# of Trays	Water Volume(gal)
1,100	1 x 50 mil	0.50
2,200	2 x 50 mil	1.00
3,300	3 x 50 mil	1.50
4,400	4 x 50 mil	2.00
5,500	1 x 250 mil	2.50
11,000	2 x 250 mil	5.50
16,500	3 x 250 mil	8.30

Light Infestation

Treated Area ft²	# of Trays	Water Volume(gal)
4,400	1 x 50 mil	0.10
8,800	2 x 50 mil	0.20
13,200	3 x 50 mil	0.30
17,600	4 x 50 mil	0.40
22,000	1 x 250 mil	0.50
44,000	2 x 250 mil	1.00
66,000	3 x 250 mil	1.70

Heavy Infestation

Treated Area ft²	# of Trays	Water Volume(gal)
2,200	1 x 50 mil	0.06
4,400	2 x 50 mil	0.11
6,600	3 x 50 mil	0.17
8,800	4 x 50 mil	0.22
11,000	1 x 250 mil	0.28
22,000	2 x 250 mil	0.55
33,000	3 x 250 mil	0.83

Bio Friendly Chemicals

Most traditional fungicides do little harm to Bio-Control agents with the exception of some of the sulphur base products. Below is a list of Insecticides that may be used in a bio-friendly program.

S = Spray **I** = Irrigate **D** = Days **W** = Weeks **> 75% Mortality** **50-75% Mortality** **25-50% Mortality** **Safe < 25% Mortality**

	Dipel	Citation	Distance	Endeavor		Enstar	Floramite	Hort Oil	Intercept	Success		TriStar		Vectobac	Vendex
	S	I	S	S	I	S	S	S	S	S	I	S	I	S	S
Hypoaspis												1W			
Atheta															
Cucumeris												5D			
Swirskii															
Aphidius															
Californicus								2W				5D			
Persimilis							1W					1W			3 D
Formosa						3D				1W		2W			
Eretmocerus															
Nematodes															

Ordering Biological Control Products

Ordering biological control products from Even-Spray is an easy process, but because live beneficial insects or organisms are being shipped, there are certain procedures that are followed to ensure proper and timely order processing.

- Orders for biological products must be placed by **no later than Wednesday 3:00 CST** to ensure delivery to Even-Spray's warehouse by the following week Tuesday or Wednesday morning.
- In certain instances, biological products can be shipped directly to the customer, but this is dependent on the couriers that service your location. Generally biological shipments are sent via Purolator Air, Canada Post Express, or UPS.
- Inbound air freight charges will apply to orders under $400.00 in value. The maximum freight charge per order is $30.00.

New Side Effect Manual & Mobile App for Apple, Android, and Blackberry Devices!!

The Biobest side effects manual is much more than 'just' a list of crop protection agents and their compatibility with pollinators and bio-control agents. It is the backbone of every sustainable crop management scheme. The 2012 release of the new generation side effects manual marks a further milestone in integrated crop management.

Researchers at Biobest Green Lab have completely re-evaluated and updated the list. They incorporated the latest results from their own extensive compatibility studies, as well as published data and new legislative regulations. Different from others, this list is based on all crop protection products available on the market and created in complete independency.

Visit: www.biobest.ca for more details.

Greenhouse Ornamental Insecticides

PRODUCT	Aphids	Caterpillars	Cyclamen Mites	Fungus Gnats	Leaf Rollers	Leafminers	Mealy Bugs	Nematodes	Scales	Shore Flies	Spider Mites	Thrips	Whiteflies
Avid 1.9% EC						•					•		
BotaniGard 22WP ***(BIO-insecticide)***	•											•	•
Citation 75WP				•		•				•			
DeltaGard SC												•	
Dimilin 25WP ***(Insect Growth Regulator)***				•						•			
Distance ***(Insect Growth Regulator)***													•
Dipel 2X DF ***(BIO-insecticide)***		•			•								
DYNO-Mite 75%WP											•		•
Endeavor 50WG	•												•
Enstar EW ***(Insect Growth Regulator)***	•												•
Floramite SC											•		
Forbid 240SC											•		•
Intercept 60WP	•												•
Kontos	•						•		•		•	•	•
Merit 60W *(See "Intercept 60WP")*	•												•
Nemasys				•						•			
Pounce 384EC						•							•
Pylon											•	•	
Safer's Soap	•						•				•		•
Shuttle 15SC											•		
Success 480SC												•	
Thionex 50W	•		•										•
Trounce	•						•				•		•
TriStar 70WSP	•					•							•
Vendex 50W											•		

NOTE: *Chart intended for quick reference only. ALWAYS consult label for complete mixing and application instructions, usage rates, and intended crops before use.*

Avid 1.9 EC
- Emulsifiable concentrate miticide/insecticide registered for control of Spider Mites and Leaf-miners on greenhouse-grown ornamentals and vegetables.
- Easy-to-use "measure and pour" bottle.
- Applied as a foliar spray.
- Translaminar mode of entry moves Avid 1.9 into leaves, where it remains targeting feeding pests.
- Immobilizes target pest upon ingestion stopping it from further feeding; insect necrosis follows in 3 to 4 days after initial product application.
- Rate: Spider Mites: 30 ml./100 L water. Leafminers: 60 ml./100 L water.
- 1 L bottle.
- PCP: 24485.

BotaniGard 22WP Mycoinsecticide
- Wettable powder Mycoinsecticide spray formula used for controlling Whitefly, Aphids, and Thrips in Greenhouse ornamentals and vegetable.
- Use when insect pressure is in early stages.
- Typically takes 7 to 10 days after first spray to see control; repeat as needed every 5 to 10 days.
- Rate – Whiteflies, Aphids: 6.25 – 12.5 grams per 10 litres of spray volume. Thrips: 12.5 – 25 grams per 10 litres of spray volume.
- 500 gram container.
- PCP: 29321

DeltaGard SC
- Registered for control of Western Flower Thrip on commercial greenhouse floriculture crops (including Geraniums). Please consult label for list of crops.
- Applied as a foliar spray to run-off to ensure complete coverage; do not apply with a fogging machine.
- Repeat applications every 5 to 7 days as needed to achieve control.
- Rate: 35 – 50 mls per 100 litres of water.
- 1 litre container.
- PCP: 28791

Greenhouse Ornamental Insecticides

Dimilin
- Wettable-powder Insect Growth Regulator.
- Controls certain soil-inhibiting insects such as Fungus Gnats and Shoreflies.
- Applied to potting media as a coarse spray or a high water volume drench.
- Provides residual control from 30 to 60 days.
- Spray Rate: 150 grams / 1000 L water. (5 - 15 L of final solution / 10 M^2 for packs, flats, and plug trays).
- Drench Rate: 18 grams / 1000 L water. (i.e. 1000 L final solution treats 5882 individual 15 cm. (6") pots).
- 500 gram container.
- PCP: 13816.

Endeavor 50WG
- Water-dispersible granule for the control of Green Peach and Black Melon aphids and reduction of whiteflies on ornamental plants in greenhouses.
- Stops insect feeding activities within hours of application. Residual activity protects plants from insects that move on to plant post-application.
- Applied as a thorough foliar spray to run-off.
- Rate: 10 – 20 grams / 100L. Maximum 2 sprays per crop cycle; minimum 7 days apart.
- 420 gram container (6 x 70 gram)
- PCP: 27273

Forbid 240SC Insecticide / Miticide
- For control of Spider Mites, Broad Mites, and Whitefly (nymph stage) on greenhouse crops. Can also be used on field crops, vegetable, and fruit outdoors.
- Applied as a foliar spray with Translaminar movement through the leaf profile. Thorough spray coverage is recommended.
- Long-lasting control; up to 30 days.
- Ornamental Rate: 30 ml / 100 litres of water.
- 500 ml bottle.
- PCP: 28590.

Distance
- Insect Growth Regulator registered for the control of whitefly in greenhouse vegetables and ornamentals.
- Translaminar movement into the leaf provides "locally systemic" qualities without under leaf applications.
- Effective on all stages of Whitefly.
- Rate: 45 ml / 100 L water as foliar spray.
- Active Ingredient: Pyriproxyfen 103 g/L.
- 1 L bottle.
- PCP: 28414.

Enstar EW
- Liquid EC Insect Growth Regulator
- For control of Whiteflies and Aphids, and suppression of Mealybugs in greenhouses on ornamental plants.
- Applied as a foliar spray to run-off. Thorough coverage of foliage is required.
- Preventative Rate: 80 – 128 ml /100 L of water every 14 days.
- Adult Control Rate: 240 ml /100 L of water twice, 7 days apart.
- 946 ml bottle.
- PCP: 29661

Intercept 60 WP
- Wettable powder, systemic insecticide formula.
- For control of Aphids, Whiteflies on ornamentals and mature vegetable crops (cucumbers and tomatoes) grown in greenhouses.
- To be applied directly to soil, soiless media/hydro-ponic treatment only.
- Active ingredient is translocated through plant via the root system.
- Rate: 100 grams in sufficient water to provide thorough wetting for 3250 to 5000 6" (150mm) pots. (i.e. 13.3 g/100 L water for 150 ml water/150 mm pot).
- 250-gram re-sealable container.
- PCP: 27357.

DYNO-Mite 75 WP (pyridaben)
- Wettable powder Miticide/Insecticide formula in water-soluble bags.
- For control of Mites and Whiteflies on greenhouse-grown ornamental crops, peppers, cucumbers, and tomatoes grown in greenhouses.
- Now registered for control of Mites on outdoor ornamentals.
- Contact spray. Good coverage required.
- Excellent knockdown and residual control.
- Evaluate 4 to 7 days after treatment.
- Rate: Mites (ornamentals): 142-284 gram/1000 L Whiteflies (ornamentals): 284-425 gram/1000 L
- 280 gram re-sealable foil pouch (10 x 28 gram water soluble bags).
- PCP: 25229.

Floramite
- Now registered for use in Canada.
- Easy-to-use liquid spray formulation.
- Excellent control of Spider Mites on ornamentals grown in greenhouses, shade houses, and interiorscapes.
- Contact control effective within 2-3 days with residual for up to 21 days.
- Ideal for use in IPM programs.
- 946 ml bottle.
- PCP: 27924.

NEW!

KONTOS Insecticide
- Liquid, fully systemic formula that can be foliar sprayed or drenched into media.
- Ornamental registration for control of Whitefly, Western Flower Thrip, Green Peach Aphid, Citrus Mealybug, Euonymus Scale, and Spider Mites.
- Foliar Rate: 13 – 26 mls / 100 litres water.
- Drench Rate: 2.5 – 10 mls / 100 litres water.
- 1 litre bottle
- PCP: 29567

Greenhouse Ornamental Insecticides

Pounce
- Emulsifiable concentrate containing Permethrin (384g/L) applied as a contact spray.
- Registered for a wide range of edible and ornamental crops in greenhouses and outdoors.
- Targets Whitefly on greenhouse ornamentals (see label for complete list).
- May be applied safely on many food crops up to 1 day before harvest.
- Greenhouse Whitefly rate: 26ml/100 L of water, thorough spray coverage required.
- 1 L bottle.
- PCP: 16688.

NEW!

Pylon™ Miticide-Insecticide
- Pylon is a new class of chemistry providing effective control against Western Flower Thrip, Two-spotted Spider Mites, Loopers, and Foliar Nematodes.
- Translaminar entry into plant and rainfast within 1 hour of application providing 14 – 21 days of residual control.
- Apply as a foliar spray at a rate of 20 - 156 mls/ 100 litres of water. See label for specific rates.
- 475 ml E-Z measure and pour bottle.
- PCP: 30666

Safer's Insecticidal Soap
- Concentrated low-toxicity liquid Insecticide.
- For control of Aphids, Mealybugs, Spider Mites, White-fly, Soft Brown Scale, and other certain insects on vegetables, fruits, tree and shrubs, and greenhouse plantings.
- Applied as a foliar spray.
- Rate: Varies by plant species. Typical Rate is 1-2 L Safer's Soap / 100 L of water. See label for complete instructions and rates.
- 4 L, 10 L, containers, and 120 L drum.
- PCP: 14669.

Shuttle 15 SC
- Foliar spray for control of all stages of spider mites.
- Long-lasting residual activity.
- Rapid knockdown of two-spotted and spruce spider mites.
- DO NOT apply to Impatiens or miniature roses.
- Rate: 42 - 92 ml / 100 litres of water.
- 1 litre bottle.
- PCP: 28640.

Success 480 SC
- Spinosad 480 grams / litre.
- Foliar spray for control of Western Flower Thrip on greenhouse grown ornamentals.
- Rate: 50 ml. per 1,000 litres of water; 7 to 10 day spray intervals. Maximum of 3 applications per crop cycle.
- Also registered for control of Sod Webworm in turf; rate is 50 to 100 ml. per hectare.
- 1-litre container.
- PCP: 26835

Tristar 70 WSP Insecticide
- Water soluble packet (16 grams each) formula applied as a foliar spray.
- Targets Aphids (Green Peach and Black Melon), Whitefly, and other assorted insects indoors and outdoors.
- Unique Foliar, Translaminar, and Systemic Activity.
- Quick knockdown with long residual up to 3 weeks.
- Whitefly Rate: 80-160 grams/1000 L.
- Aphid Rate: 48 grams/1000 L of water.
- 96 gram (6x16 gram packets) pouch.
- PCP: 27127.

Trounce Insecticide
- A combination of soap and Pyrethrin, a natural insecticide.
- Suppresses Aphids, Mealybugs, Spider Mites, Soft Scale, Caterpillars, and Whitefly on ornamentals and vegetables in greenhouses and outdoors.
- No harmful residue left on plants.
- 10 L container.
- PCP: 24363.

Vendex
- Vendex 50W is registered for the control of two-spotted spider mites on greenhouse cucumbers and tomatoes. Vendex plays an important role in controlling these devastating pests.
- Non-toxic to bees.
- Not highly injurious to benefical insects.
- Compatible with insecticides and fungicides commonly used in greenhouse spray schedules.
- Vendex gives fast, effective kill of mites and is safe to crops and operators when used as directed.
- Rate: 500 g-1 kg Vendex 50W/1000 L of water. (8-16 oz/100 gal.)
- PCP: 16309.

Recommended RE-ENTRY INTERVALS (REI) for Common GH Ornamental Insecticides:	
Avid 1.9 EC	When Dry
DeltaGard SC	12 Hours
Dimilin 25 WP	0 Hours
Distance IGR	12 Hours
DYNO-Mite 75 WP	12 Hours
Endeavour 50WG	12 Hours
Enstar EW	12 Hours
Floramite	12 Hours
Forbid 240SC	12 Hours
Intercept 60 WP	12 Hours
Pylon Miticide-Insecticide	12 Hours
Safer's Insecticidal Soap	0 Hours
Shuttle 15 SC	12 Hours
Success 480 SC	When Dry
Tristar 70 WSP	12 Hours
Trounce	0 Hours

Greenhouse Ornamental Fungicides

PRODUCT	Anthracnose	Black Spot	Blights	Botrytis	Damping Off	Didymella	Downy Mildew	Fusarium	Leaf Spot	Phytophthora	Powdery Mildew	Pythium	Rhizoctonia	Rust	Sclerotinia
Acrobat 50WP							•								
Actinovate SP *(BIO-fungicide)*											•				
Aliette T & O										•		•			
Supra Captan 80WDG		•		•	•				•						•
CEASE *(BIO-fungicide)*	•	•		•					•	•	•	•	•		
Compass 50WG													•		
Daconil Ultrex WDG		•	•	•				•	•	•	•			•	
Decree 50 WDG				•											
MilStop *(BIO-fungicide)*											•				
MycoStop *(BIO-fungicide)*					•			•							
Nova 40W		•									•			•	
Phyton 27				•					•		•		•		
Prestop *(BIO-fungicide)*				•		•		•		•			•		
Previcur N *(BIO-fungicide)*	•			•					•	•	•				
RootShield *(BIO-fungicide)*								•				•	•		
Rovral WP				•											
Senator 70WP		•		•				•	•		•		•		
Subdue Maxx					•					•		•			
Truban 25EC					•					•		•			
ZeroTol *(BIO-fungicide)*								•	•				•		

NOTE: Chart intended for quick reference only. ALWAYS consult label for complete mixing and application instructions, usage rates, and intended crops before use.

Actinovate SP Bio-Fungicide
- For suppression of powdery mildew on greenhouse grown Gerber Daisies.
- Apply as a foliar spray to wet plant, but avoid run-off.
- Rate: 1.7 grams in 3.8 L water per 100m²
- 504 gram
- PCP: 28672

Aliette Ornamental
- Systemic fungicide used for the control of Phytophthora and Pythium.
- Recommended to be used preventatively either as a foliar application or soil drench; crops vary, please consult label before use.
- Rate (Foliar): 28 gr. / 100m² (2.8 kg / Ha) in sufficient water for coverage. Can be applied 3 times maximum every 14 – 30 days depending on crop.
- Rate: (Drench): 360 g / 380 L water to cover 36m²; maximum 3 applications at 30 day intervals.
- 2.26 kg pail
- PCP: 28585

CEASE Bio-fungicide
- A broad spectrum, preventative bio-fungicide for the suppression of many ornamental diseases.
- CEASE is applied as a foliar spray; thorough coverage is required.
- Registered for use against Powdery Mildew, Botrytis Blight, Leaf Spot, Anthracnose, Black Spot, Rhizoctonia, Pythium, and Phytophthora. Please consult label for specific crop applications.
- Rate: Varies from 1.0 to 2.0 litres per 100 litres of water with application intervals every 7 to 28 days.
- 3.78 litre container.
- PCP: 30522

Greenhouse Ornamental Fungicides

Compass 50 WG
- Trifloxystrobin 50%
- Registered as an outdoor foliar spray to control Powdery Mildew and Scab as well as an indoor soil drench for control of Rhizoctonia Root Rot.
- Translaminar mode of action into plant leaf.
- Rate (Foliar Spray): 14 to 21 grams per 100 L
- Rate (Soil Drench): 3.8 grams per 100 litres
- 454-gram container.
- PCP: 27527

Daconil Ultrex WDG
- A broad spectrum contact fungicide for the control of a wide range of diseases on certain greenhouse grown ornamentals.
- Applied as a foliar spray; thorough, uniform coverage of plant surfaces is essential for optimum disease control.
- Rate: 150 grams / 100 L of water; apply every 7 to 14 days as needed.
- 2.27 kg bag
- PCP: 28354

DECREE 50 WDG
- Water-dispersible granule for use as a spray to control Botrytis diseases on greenhouse ornamentals and certain vegetable transplants.
- Thorough foliar application is required.
- Rate: Maximum 68 grams per 100m² (6.8 kg / Ha) per year. Do not apply MORE than 6 times per crop. Typical ornament rate is 10 grams per 100m² in sufficient water for thorough coverage.
- 500 gram bag
- PCP: 26132

MilStop Foliar Fungicide
- A foliar-applied fungicide registered to control or suppress Powdery Mildew on field-grown vegetables or greenhouse-grown ornamentals.
- Active: Potassium Bicarbonate 85%
- Rate: 280 – 560 grams per 1,000 m². Use sufficient water to thoroughly cover foliage and stems.
- 11.35 kilogram bag.
- PCP: 28095

Read label and directions before using products.

MYCOSTOP Bio-Fungicide
- Used for the preventative suppression of damping-off, root and crown rot, and wilt caused by Fusarium and Pythium on greenhouse ornamentals and vegetables.
- .Applied as a water suspension by spraying or drenching the surface of the growing media or by drip irrigation.
- .Rate (Pot plants): 2 - 5 mg in 20-50 ml per plant; repeat every 3 to 6 weeks.
- .Rate (Seedlings): 2 - 10 g/100m² after seedling emergence.
- 2 x 5 Gram
- PCP: 26265

Nova 40W
- Water-soluble pouches for ease of use.
- Locally systemic spray formula.
- Controls Rust and Powdery Mildew on certain greenhouse vegetable and ornamental crops including peppers, roses, geraniums, and poinsettias. Can be used on a wide range of outdoor ornamentals.
- Rate: 28-34 grams/100 L water (412-500 L/140 g pouch).
- 560-gram re-sealable bag (4x140 gram).
- PCP# 22399.

Phyton-27 Bacteria/Fungicide
- Liquid, copper-based concentrate formula.
- Newly expanded registration label.
- Controls Powdery Mildew and Botrylis on greenhouse grown ornamentals.
- Applied as a soil drench or foliar spray.
- Drench Rate: 150-250 ml/100 L water.
- Spray Rate: 100-390 ml/100 L water.
- 1-litre and 3.78-litre sizes available.
- PCP: 21699.

PRESTOP Biological Fungicide
- Broad-spectrum preventative bio-fungicide for use on greenhouse grown bedding plants, herbs, and vegetables.
- Can be used as a pre-plant media treatment or post-plant foliar spray or soil drench.
- Compatible with IPM programs.
- Rate: Applied as a 0.5% to 1.0% solution.
- Easy to use.
- 100-gram solupak.
- PCP: 28820

Greenhouse Ornamental Fungicides

Previcur N Fungicide
- An Aqueous Solution fungicide registered for the control of Pythium Root Rot and Phytophthora Root Rot in outdoor and greenhouse grown ornamentals including Geranium, Gerbrara, and Snapdragons. Consult label for specific crops.
- Apply as a drench avoiding contact with foliage. Can be used at time of seeding or during propagation.
- Rate: 1.0 to 1.5 ml per litre of water. Consult label for specific rates and application timing.
- 1 litre container.
- PCP: 26288

RootShield WP Biological Fungicide
- Registered as a biological fungicide for suppression of root diseases caused by Pythium, Rhizoctonia, and Fusarium in greenhouse crops.
- One drench application provides up to 12 weeks of protection, healthier roots, and increases root mass potential.
- Rate: 60 – 90 grams per 100 litres water and drench at a rate of 115 to 220 grams per cubic meter of loose potting mix.
- 1.36 kilogram package.
- PCP: 27116

RootShield Granules
- Registered for same disease control as RootShield WP, but in a granule form for dry incorporation into loose mix or soil.
- Rate: 600 to 750 grams per cubic meter.
- 18 kilogram bag.
- PCP: 27116

Rovral Fungicide 50 WP
- 50% Iprodione wettable powder formula.
- Contact fungicide used to control Botrytis on a wide range of greenhouse ornamentals, fruits, vegetables, field crops, and greenhouse grown tree seedlings.
- Use as a foliar or drench application depending on crop (see label for details).
- Spray Rate (Ornamentals): 10 grams/10 L of water to run-off.
- Drench Rate: 2 grams/5 L water per 1 m^2.
- 1-kilogram bag.
- PCP# 15213.

Senator 70 WP
- Wettable powder, systemic formula.
- Applied as a soil drench or a direct spray.
- Controls a wide range of diseases such as Botrytis, Powdery Mildew, and Black Spot on roses and potted ornamental plants.
- Ornamental Rate: 500-750 grams/1000 L water.
- GH Potted Ornamental Rate: 650-850 grams/1000 L of water.
- 2-kilogram bag.
- PCP# 25343.

Subdue MAXX
- Easy-to-mix micro-emulsion concentrate.
- Used as a soil drench to control root and stem diseases (Pythium and Phytophthora) on outdoor and greenhouse grown foliage and bedding plants.
- Also controls Phytophthora Root Rot on outdoor and greenhouse grown conifers.
- Drench Rate: 24-40 ml/1000 L per 200 m^2.
- 1-litre plastic bottle.
- PCP: 27055.

Truban Fungicide
- 30% Wettable powder or 25% EC formulas.
- Controls Damping-Off root and stem diseases caused by Pythium and Phytophthora in nursery and ornamental plants.
- Applied as a soil drench or dry pre-plant mix into soils.
- Wettable powder also registered for turfgrass.
- WP Rate: 150-225 grams in 600 L up to 600-900 grams in 1200 L water per 100 m^2.
- EC Rate: 120-600 ml. in 506-950 L water per 100 m^2.
- PCP# 11460 (WP) or 12222 (EC).

ZeroTol Bio-Fungicide / Algaecide
- Provides control of Fusarium Leaf Spot and Rhizoctonia and suppression of Alternaria Leaf Spot and Xanthomonas on bedding plants and non-edible crops.
- Also treats algae on wood and non-porous surfaces in greenhouses.
- Fungicide Rate: 10 ml/11-19 L of water per 100 m^2.
- Algaecide Rate: 3.3 – 20 ml/1 L of water.
- 9.46 Litre Drum
- PCP: 29508

Recommended RE-ENTRY INTERVALS (REI) for Common GH Ornamental Fungicides:	
Actinovate SP	1 Hour
Aliette T & O	12 Hours
CEASE	When Dry
Compass 50WG	12 Hours
Daconil ULTREX	48 Hours
Decree 50WDG	4 Hours
MycoStop	0 Hours
Nova 40W	12 Hours
Phyton 27	When Dry
PreStop WP	0 Hours
Previcur N	24 Hours
Rovral WP	12 Hours
Subdue Maxx	12 Hours
Truban 25EC and 30WP	12 Hours
ZeroTol	When Dry

Greenhouse/Nursery - Miscellaneous

Tufflite IV™ Greenhouse Poly
Even-Spray & Chemicals is pleased to offer a full range of quality greenhouse poly coverings including the industry standard **Tufflite IV™** series.

Tufflite IV™ features 6-mil, 4-year durability with exceptional clarity. Available in a variety of standard and custom sizes in both tubes and sheets.

Ask your Even-Spray representative for pricing and sizes available.

Kool-Ray Classic
Kool-Ray is a concentrated liquid shade used to lower the temperatures inside greenhouses in the warm spring and summer months.
- Environmentally-friendly ingredients
- Coverage: Varies according to dilution rate used. Typical coverage should be expected to be 175 square feet per diluted gallon.
- Dilution rate: Usually between 1:5 to 1:8 Kool-Ray Classic to water. A 1:8 dilution will normally provide for a 31% reduction in light.
- Available in 1-gallon and 5-gallon sizes

Stim-Root Rooting Powder
- Helps stimulate rapid rooting of cuttings.
- Easy-to-Use: Dip cutting in powder, tap off excess, plant into rooting medium.
- Available in three strengths - #1 (softwood), #2 (semi-hardwood), and #3 (hardwood) to meet your propagating needs.
- Sold in 500-gram jars and 10-kilogram drums.
- Also available in a convenient liquid format.

Stim-Root Liquid
Liquid Stim-Root effectiveness comes from higher concentrations of IBA, more uniform application to cuttings, and better penetration into woody cuttings. Available in three strengths:
- Stim-Root 2500 – Easy-to-root cuttings
- Stim-Root 5000 – Moderately difficult to root species
- Stim-Root 10000 – Slow to root species
- All sizes 1-Litre

AquaGro 2000L
AquaGro 2000L lets you stay in control of your rootzone for optimal growing.
- Can be easily incorporated in your fertilizer injection program.
- Reduce water and fertilizer leaching – save water and labour costs, increase efficiency and profits.
- Maintenance Rate: 10 PPM (10 ml / litre in stock tank with injector set at 1:100 or 1%).
- 9.46 L (2.5 US gallon)

KleenGrow
KleenGrow is a mild quaternary ammonium chloride compound, which kills bacteria and offers excellent mildew control.
- An essential tool for any greenhouse sanitation program.
- Apply by spray, brush, and dipping.
- Available in 4L, 20L, and 205L containers.
- PCP: 13148

USE	RATE / L WATER	RINSE
GH floors, walkways	8 ml.	NO
GH benches, equipment	8 ml.	YES
Footbaths	NO	NO
Walls, ceilings	8 ml.	NO
Mildew / Mold control	30 ml.	NO

Strip-It
This combination of cleaning and wetting agents effectively removes whitewash coating, algae, dirt, calcium build-up and other hard water deposits.
- Safe to use on aluminum, copper, galvanized steel, glass, plastics, fiberglass, and concrete surfaces without harming the greenhouse structure or horticultural equipment
- 20L pail

USE	APPLICATION	DILUTION
Exterior	Pressure Washer	20-30 ml./L
Interior Gable walls, floors, structure	Backpack Sprayer	30-40 ml./L
Cleaning irrigation lines, inside tanks	Injection	10-20ml./L

Horti-Klor
An active chlorinated detergent designed to help meet the highest greenhouse sanitation standards. The mixture of detergents and emulsifiers dislodges stubborn material such as algae, whitewash, oily residue, and dirt.
- Available in 20L and 205L sizes

USE	APPLICATION	DILUTION
Totes, bins, plug trays, pots	Dip tank, brush	20-60 ml./L
Picking equipment, packing equipment	Backpack Sprayer	20-40 ml./L
Coolers	Injection	

Greenhouse Plant Growth Regulators

Key Features	A-Rest	B-Nine WSG	Bonzi	Cycocel Extra	Promalin	Florel 240 SC	Sumagic
Product Size	4 Litre	500 Gr. / 10 Kg.	1 Litre	1 & 10 Litre	500 Mls.	1 Litre	4 Litre
Crops	Easter Lilies, Poinsettia, and Chrysanthemums	Geranium, Poinsettia, Azalea, Hydrangea, and bedding plants	Geranium & Bedding Plants	Geranium and Poinsettia	Easter Lilies	Potted Greenhouse Ornamentals (See label details)	Geranium, Poinsettia, Easter Lilies, and certain bedding plants
Application	Apply as drench to moist soil	Foliar application just to runoff	Foliar Spray or Soil Drench	Apply as drench to moist soil	Foliar spray; good coverage required	Foliar Spray, But NOT to Runoff	Foliar Spray Only
Mode of Action	Reduces internode elongation producing more compact plants	Translocates within plant reducing internode elongation	Reduces internode elongation producing more compact plants	Absorbed by roots, moves systemically to actively growing shoots	Only plant parts covered by spray protected from leaf yellowing	Foliar spray enters plant, breaks down to ethylene and increases lateral branching	Retards elongation rapidly. Rate assessment within 7 days
Absorption Time	30 minutes	Keep wet as long as possible	30 minutes	Keep wet as long as possible	N/A	N/A	30 minutes
Notes / Tips	Easy to use.	Water-soluble; only moves into plant when leaves are wet.	Ensure accurate mixing rate. Agitate frequently. Lower temps enhance effect.	Water-soluble; needs time to move into plant.	To decrease yellowing of lower leaves and delay flower decline.	Highly active; mix and apply at cooler temps in pH buffered water.	Be careful of mixing/ calibration rates. Agitate frequently.

A-Rest
- Liquid concentrate registered for height control of Easter Lilies, Poinsettias, and Chrysanthemums.
- Applied as a drench treatment to moist soil.
- Reduces internodal elongation resulting in a more desirable, compact plant.
- Degree of regulation dependent on amount of active ingredient applied to plant.
- Rate: 8.4 ml - 34.5 ml/L of water. See label for drench volumes and pots treated.
- 4 litre container.
- PCP: 12225.

B-Nine WSG
- Water soluble formula in an easy-to-use, low dust granule.
- Applied as a foliar spray to point of run-off.
- Use on a wide variety of container-grown bedding plants, Poinsettias, Azaleas, Chrysanthemums, and Hydrangeas.
- Produces stronger stems, greener leaves, and more drought-tolerant plants.
- Rate: 1.8 grams - 12 grams/L of water.
- 500 gram or 10 kg containers.
- PCP: 17465.

Bonzi
- Liquid concentrate PGR registered for use on container-grown ornamental bedding plants and plugs.
- Applied as a foliar spray or into the soil.
- Reduces internodal elongation.
- Rate: Suggested application method and rate varies by crop. Please consult label before use.
- 1 L bottle.
- PCP: 25635.

Cycocel Extra
- Concentrated liquid PGR registered for use on greenhouse-grown Poinsettias and Geraniums.
- Retards growth while enhancing appearance of plant - compact with shorter nodes, stronger stems, and smaller, darker green foliage.
- Applied as a uniform media drench.
- Rate: 325-650 ml./100 L of water = 1500-3000 ppm Active Ingredients. Drench volume depends on pot size. See Label. (i.e. 6" pots=180 ml. drench).
- 1 L or 10 L container.
- PCP: 17001.

Florel 240 SC
- A Plant Growth Regulator intended to increase lateral branching of many potted greenhouse grown ornamentals including Begonia, Geranium, New Guinea Impatiens, and Poinsettias.
- Apply as a spray to thoroughly wet foliage, but NOT to runoff.
- Rates vary by plant species – please consult and follow label mixing rates accurately.
- Restricted-entry interval (REI) of 12 hours.
- 1 litre container.
- PCP# 29593

Sumagic
- An extremely active PGR. Very accurate measuring, diluting, and application is required.
- Registered for Poinsettias, Chrysanthemums, Easter Lilies, Geraniums, and a range of bedding plants listed on the label.
- Applied as a foliar spray.
- Rate: Varies by plant variety; please consult label. Sample Rates: Poinsettias: 4-16 ml/2 L of water/10m^2 Impatiens: 5-20 ml/2 L of water/10m^2
- 4 L container.
- PCP: 25781.

Greenhouse/Nursery - Miscellaneous

BroadStar Herbicide
BroadStar Herbicide is a pre-emergent granular herbicide for outdoor container-grown woody ornamentals. Seedlings are controlled pre-emergence when exposed to sunlight following contact with the soil-applied herbicide.

BroadStar provides residual control of annual broadleaf weeds including Hairy Bittercress (Snapweed) and Liverwort.

- Only apply to woody ornamentals.
- Only apply to dry foliage; granules that stick to moist foliage will cause plant injury.
- Do not apply to plants producing a new flush of growth.
- Rate: 84 – 168 kg/Ha; activate with 1 – 2 cm of rainfall or irrigation.
- Apply with a properly calibrated hand crank granular spreader or apply directly to individual containers.
- 22.7 Kg bag.
- PCP: 29229

SureGuard Herbicide
SureGuard is a pre-emergent water-dispersible granule herbicide for field-grown ornamental deciduous and coniferous trees including Christmas trees and trees produced for reforestation, and to maintain bare ground non-crop areas in and around ornamental nurseries. Seedlings are controlled pre-emergence when exposed to sunlight following contact with the soil-applied herbicide.

SureGuard provides residual control of annual broadleaf and grassy weeds including common ragweed, common lamb's quarters, and dandelion.

- Rate: 280 – 420 g/Ha; apply before weeds germinate.
- Activation: Approximately 1 – 2 cm of rainfall or irrigation after application.
- Post-emergence – can be tank-mixed with a glyphosate product at 1.2 Kg a.i./Ha. Consult label for complete instructions.
- 2.27 Kg Container
- PCP: 29236

Copper Spray
- Foliar-sprayed wettable powder fungicide.
- For use on a wide range of outdoor vegetable, fruit, and ornamental crops.
- Controls a wide range of diseases such as Downy Mildew, Blights, and Needlecast.
- Rates: Most crops 2-4 kgs./1000 L of water.
- 2-kilogram bag.
- PCP# 19146.

Gramoxone
- Completely kills all foliage (grasses and weeds) on contact, becoming inert when in contact with soil.
- Wide range of uses including grass and weed control in shelterbelts and established nursery crops.
- Rate: Rates vary by application; please consult label.
- 5 Litre Concentrate
- PCP: 8661

Skoot Animal Repellent
This distasteful, harmless chemical repellent discourages feeding for up to 6 months by mice, rabbits and deer.
- Application Rates: Dilute with equal parts of water and spray on to target or paint on at full concentration with brush or other means.
- Ideal as a late season over-winter application.
- Available in 3.75 L or 20 L
- PCP: 13258

Funginex DC
- Easy-to-use emulsifiable concentrate.
- Fully systemic spray formula.
- Controls Powdery Mildew and Blackspot on outdoor grown roses and ornamentals.
- Limited use on certain fruit crops (see label).
- Rate: 1 L/1000 L water.
- 5-litre container.
- PCP# 27686

Casoron G-4
- A granular broad spectrum annual and perennial weed control for nurseries, established plantings of woody ornamentals, shelter belts, and certain landscape settings.
- Application Rate: 110 – 175 kilograms / Hectare
- Container stock: 100 Kg / Hectare; water in immediately
- 15 Kg bag
- PCP: 12533

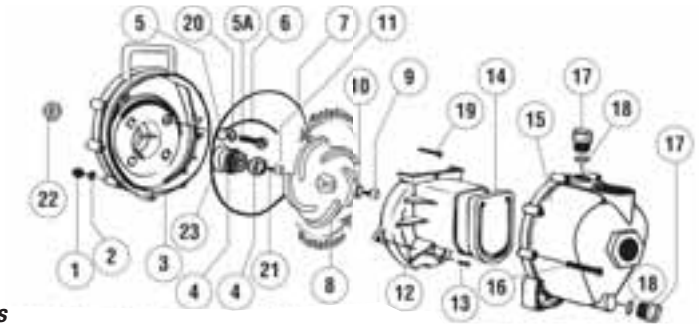
Ramik Green Rodenticide
Weather resistant rodenticide for control of mice, rats, and ground squirrels indoors and outdoors.
- Active Ingredient: Diphacinone 0.005%
- 7.5 Kg pail (150 x 50 gram toss-n-go packets)
- PCP: 11669

Chemical List

2,4-D Amine
Acidifier
Acrobat 50WP
Actinovate SP
Admire
Agral 90
Aliette
Altosid Pellets
Amitrol 240
Anti Desiccant
Antifoam Agent
Aquabac
Aquagro 2000
Arena
A-Rest
Assert SC
Avid
Avigon
Bactri-Pit
Bactri Pond
Badge
Banner Maxx
Banvel
Basagran
Basamid
BB 5
Betamix B
Blazon
Blue Glue Trap
B-Nine
Bonzi
Borax
BotaniGard 22WP
Bravo
Breaker
BroadStar
Buctril M
Buffer Solution
Cadence
Calcium Chloride
Calmix Pellets
Captan Supra
Cascade
Casoron
Cease
Chateau
Citation
Civitas
Compass
Copper Spray
Coppercide WP
Cycocel Extra
Daconil
Dacthal W-75
Decis
Decree
DeltaGard SC
Demand SC
Devour
Devrinol
Diazinon
Dibrom
Dimethoate
Dimilin
Dipel 2X DF
Diurex
Distance
Dithane
Dragnet
Dual II Magnum
Dyno-Mite
Dyvel
Eagle
EcoClear
Embutox
Endeavour
Endosulfan
Enstar EW
Eptam 8-E
Equal WP
Estaprop
Ethrel
Eximo
Ferbam 76WDG
Fiesta
Finalsan
Floramite
Folpan
Forbid
Foray
Funginex DC
Gallery 75 DF
Garlon
Goal 2XL
Golden Eagle
Gramoxone
Heritage Maxx
Horti-Klor
Hydrogen Peroxide
Hyvar XL
Imidacloprid
Infiltrx XTRA
Insignia EC
Instrata
Intercept
Iron Chelate
Isopropyl Alcohol
Jet Black
Karmex
Kerb
Kleengrow
Kocide
Kontos
Kool Ray
Kumulus
Lagon
Landscape Oil
Lannate
Leaf Shield
Lime Sulphur
Linuron 400L
Lontrel
Lorox
Lorsban
Maestro
Malathion
Manzate
Matador
Maverick III
MCPA
Mecoprop
Medallion
Merge
Mertect SC
MilStop
Mission
Monitor
Muster
Mycorise
Mycostop
Nitric Acid
Nova 40W
Oracle
Orthene
P-100
Par III
Pardner
Penncozeb
Phosphoric Acid
Phyton-27
Poast Ultra
Polydex
Pounce
Premis
Premium 3-Way
Prestop
Previcur N
Primer
Primo Maxx
Princep 9-T
Pristine WG
Promalin
Prox 120
Puma
Pylon
Pyrate
Pyrifos
Pyrinex
Quadris
Qualipro Propiconazole
Quicksilver
Ramik Green
Rat & Mouse Poison
Redusol
Refine
Regreen
Replace
Respond
Revolution
Reward
Rhapsody ASO
Ridomil
Rival EC
Ronstar
Rootshield
Roundup
Rovral WP
Royal MH-30 Extra
Safer's Insecticidal Soap
Safetray
Senator
Sencor
Serenade
Sevin
Shuttle
Simazine 480
Sinbar
Skoot
Sluggo
Spectrum
Sprout Nip
Stim-Root
Strip-It
Subdue Maxx
Success
Sulphur
Sulphuric Acid
Sumagic
Super Spreader
SureGuard
Surround WP
Sword
Tanglefoot
Tank Cleaner
Tanos 50DF
Target
Telar
Thiodan
Thionex
Thiram
Thuricide
Tilt
Topas
Tordon
Tourney
Treflan
Tri-Kil
TriStar
Trounce
Truban
True Blue
Upcyde
Vanquish
Vantage Plus Max
Vectobac
Velista
Velocity
Velpar
Vendex
Vydate
Yellow Glue Traps
ZeroTol

BIOLOGICALS

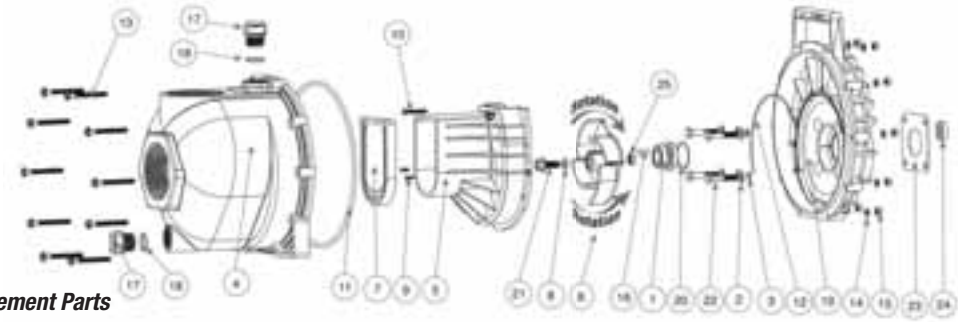
A. Californicus
A. Cucumeris
Aphidius Colemani
Aphidoletes
Atheta
Cryptolaemus
Delphastus
Diglyphus
Encarsia System
Ertemocerus- Eremicus
H. Convergens (Ladybugs)
Heterorhabditis
Hypoaspis
Harmonia
Leptomastix
Nemasys
Orius Insidiosus
Pepper Mite Thrip
Persimilis
Steinernema feltiae
Stethorus



2" Banjo Poly Pump Replacement Parts

N/S = Not Shown

REF	PART	DESCRIPTION	REQ'D	PRICE (F)
1	V07019	SS Body Nuts	10	**.50**
2	V07018	SS Lock Washers	10	**.50**
3	12703A	Poly Pump Rear Bracket	1	**67.25**
4	12713	Seal Assembly	1	**33.65**
4	12713V	FKM (viton type) Seal Assembly w/316 SS Cup and Spring	1	**54.25**
5	12717	O-Ring for Screw Head	4	**.55**
5	12717V	FKM (viton type) O-Ring for Screw Head	2	**.80**
5A	12715A	SS Bracket Screws	4	**2.85**
6	12754	O-Ring Segment	1	**4.00**
6	12754V	FKM (viton type) O-Ring Segment	1	**6.85**
7	12719A	Body O-Ring	1	**10.20**
7	12719AV	FKM (viton type) Body O-Ring	8	**46.95**
8	12772	5 Vane Impeller	1	**32.25**
9	12765A	SS Impeller Bolt	1	**12.75**
10	12774VA	Impeller Bolt Gasket	1	**1.10**
11	12775A	Impeller Hex Nut	1	**10.20**
12	12702A	Poly Pump Volute	1	**49.55**
13	12725	SS Volute Screws	2	**2.55**
14	12705	Poly Pump Check Valve	1	**11.65**
14	12705V	FKM (viton type) Pump Check Valve	1	**81.95**
15	12712A	Body Assembly	1	**108.55**
16	12720	SS Body Screws	10	**2.55**
17	12777	Prime/Drain Plug	2	**1.75**
18	UV15163	Prime/Drain Plug O-Ring	2	**.50**
18	UV15163V	FKM (viton type) Prime/Drain Plug O-Ring	1	**3.45**
19	12900	SS Upper Volute Screw	4	**1.15**
20	12901	SS Rear Bracket Washer	1	**.35**
21	12902A	Impeller Key	1	**1.20**
22	12716	Poly Pump Slinger	1	**4.00**
23	12710	O-Ring for Seal Assembly	1	**2.50**
23	12710V	FKM (viton type)O-Ring for Seal Assembly	1	**7.40**
N/S	12882A	Bearing Pedestal	1	**229.50**
N/S	12099	7/16" – 14 x 1.25" HHCS	1	**2.30**
N/S	12000A	5 Vane Impeller Repair Kit – includes REF 4 – 8, 10, 14, 18, 22, 23, & 12099		**96.10**
N/S	12000AV	FKM (viton like) Impeller Repair Kit – includes REF 4-8, 10, 14, 18, 22, 23, & 12099	1	**180.85**
N/S	12999A	Pump Seal/O-Ring Kit – includes REF 4 – 7, 10, 18, 22, 23 & 12099		**54.25**



3" Banjo Poly Pump Replacement Parts

N/S = Not Shown

REF	PART	DESCRIPTION	REQ'D	PRICE (F)
1	12713	Seal Assembly	1	**33.65**
1	12713V	FKM (viton Type) Seal Assembly w/316 SS Cup & Spring	1	**54.25**
2	12901	SS Rear Bracket Washer	1	**.35**
3	12717	O-Ring for Screw Head	4	**.55**
3	12717V	FKM (viton type) O-Ring for Screw Head	2	**.80**
4	13712	Body Assembly	1	**141.30**
5	13702	Poly Pump Volute	1	**54.25**
6	13771	4 Vane Impeller	1	**42.95**
7	12705	Poly Pump Check Valve	1	**11.65**
7	12705V	FKM (viton type) Pump Check Valve	1	**81.95**
8	12774VA	Impeller Bolt Gasket	1	**1.10**
9	12900	SS Upper Volute Screw	4	**1.15**
10	12725	SS Volute Screws	2	**2.55**
11	12719A	Body O-Ring	1	**10.20**
11	12719AV	FKM (viton type) Body O-Ring	8	**46.95**
12	12754	O-Ring Segment	1	**4.00**
12	12754V	FKM (viton type) O-Ring Segment	1	**6.85**
13	12720	SS Body Screws	10	**2.55**
14	V07018	SS Locker Washers	10	**.50**
15	V07019	SS Body Nuts	10	**.50**
16	12902A	Impeller Key	1	**1.20**
17	13777	Prime/Drain Plug	2	**2.30**
18	13778	Prime/Drain Plug O-Ring	2	**1.45**
18	13778V	FKM (viton type) Prime/Drain Plug O-Ring	2	**2.00**
19	12703A	Poly Pump Rear Bracket	1	**67.25**
20	12710	O-Ring for Seal Assembly	1	**2.50**
20	12710V	FKM (viton type) O-Ring for Seal Assembly		**7.40**
21	12765A	SS Impeller Bolt 5/16 x 24 x 1.12 (300PH-6)	1	**12.75**
21	13765	SS Impeller Bolt 3/8 x 24 x 1.75 (300P11PRO)	1	**12.75**
22	12715A	SS Bracket Screws	4	**2.85**
23	15751	Rear Bracket Shim	1	**2.40**
24	12716	Poly Pump Slinger	1	**4.00**
25	12775A	Impeller Hex Nut	1	**10.20**
N/S	12882A	Bearing Pedestal	1	**229.50**
N/S	12099	7/16"-14 x 1.25" HHCS	1	**2.30**
N/S	13000	4 Vane Impeller Repair Kit (Items 1, 3, 6-8, 11, 12, 18, 20, 24 & 12099)	1	**108.55**
N/S	13000V	4 Vane Impeller FKM (viton type) Repair Kit (Items 1, 3, 6-8, 11, 12, 18, 20, 24 & 12099)	1	**184.85**
N/S	13999	Pump Seal/O-Ring Kit (Items 1, 3, 8, 11, 12, 18, 20, 24 & 12099)	1	**54.25**
N/S	13999V	FKM (viton type) Pump Seal/O-Ring Kit (Items 1, 3, 8, 11, 12, 18, 20, 24 & 12099)	1	**86.95**

TeeJet 430 Series Ball Valves

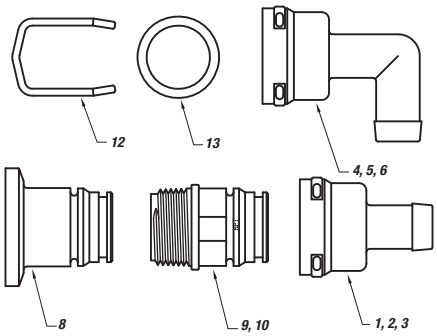
New Platform of Compact, Durable Valves Offering Superior Performance

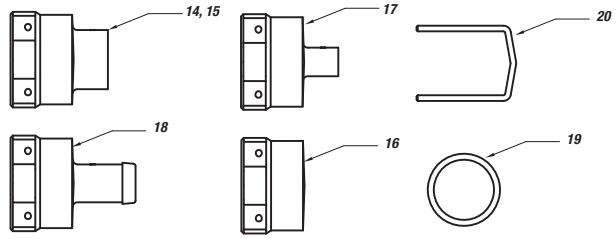
- **All metal gears provide long wear life**
- **Stainless Steel Stem and ball resist corrosion**

How To Order:

- Choose manifold size required (from 1 to 5 valves) as listed.
- Select the required fittings as shown below.

430 Series Valve





430 Series Valves

PART	DESCRIPTION	PRICE (B)
431EC-2-D	1 Valve Manifold – 2-Way, 0.6 second shut-off	**254.05**
432EC-2-D	2 Valve Manifold – 2-Way, 0.6 second shut-off	**461.45**
433EC-2-D	3 Valve Manifold – 2-Way, 0.6 second shut-off	**669.05**
434EC-2-D	4 Valve Manifold – 2-Way, 0.6 second shut-off	**894.25**
435EC-2-D	5 Valve Manifold – 2-Way, 0.6 second shut-off	**1117.80**
58480EC-05	MINI-DIN Cable, 3-Wire, Flying Leads, 20"	**17.50**

NOTE: "EC" = SPST Switch; "D" = Positively Switched

Quick Connect Hose Barb Fitting and Adapter Kits

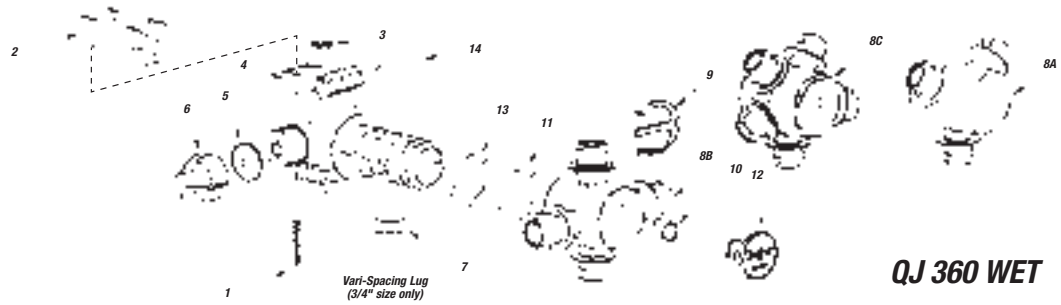
REF	PART	DESCRIPTION	PRICE (B)
1	45529-1/2	½" Quick Connect Kit (c/w ref 12, 13)	**9.80**
2	45529-3/4	¾" Quick Connect Kit (c/w ref 12, 13)	**9.80**
3	45529-1	1" Quick Connect Kit (c/w ref 12, 13)	**9.80**
4	45529-90-1/2	½" 90° Quick Connect Kit (c/w ref 12, 13)	**9.80**
5	45529-90-3/4	¾" 90° Quick Connect Kit (c/w ref 12, 13)	**9.80**
6	45529-90-1	1" 90° Quick Connect Kit (c/w ref 12, 13)	**9.80**
7	45529C	Quick Connect Cap Kit (c/w ref 12, 13)	**9.80**
8	46029PP	Adapter, 50-Series Flange x Male QC	**5.50**
9	45527NY	Adapter, ¾" MNPT x Male QC	**6.45**
10	45526NY	Adapter,1" MNPT x Male QC	**6.45**
11	55243NY	Cap ONLY, Nylon (Black)	**5.90**
12	37166302SS	Retaining Clip, 302 SS	**2.70**
13	7717-3-912VI	O-Ring, Viton	**6.20**

NOTE: "45529" Series also available in 5/8" Hose Barb; Please Call.

Large Quick Coupler Hose Barb, Gauge Port, Fitting, and Adapter Kits

REF	PART	DESCRIPTION	PRICE (B)
14	58456-3/4	¾" FNPT Quick Connect Kit	**18.90**
15	58456-1	1" FNPT Quick Connect Kit	**18.90**
16	58456-C	Large Quick Connect Cap Kit	**18.90**
17	58456-1/4	¼" NPT Gauge Port Large QC Kit	**18.90**
18	58456-1000	1" Large QC Straight Hose Barb Kit	**18.90**
19	7717-M40X4VI	O-Ring, Viton (included in above kits)	**2.10**
20	58439-302SS	Retaining Clip, SS (included in above kits)	**2.40**

NOTE: "58456" Series also available in 1 ¼" and 1 ½" FNPT and 1 ¼", 1 ½", and 2" Hose Barb; Please Call.



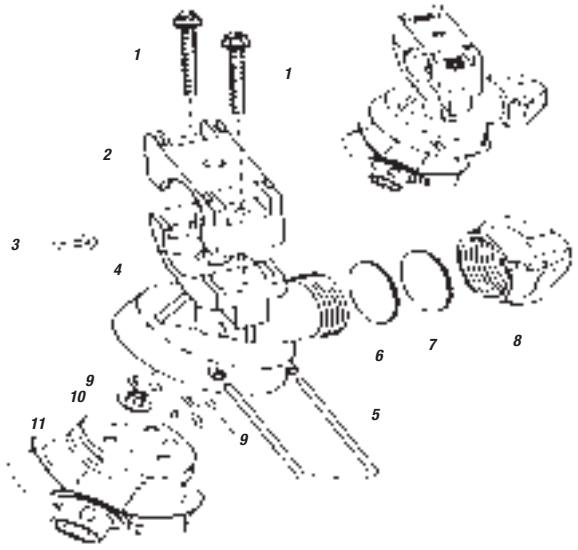
QJ 360 WET

REF	PART	DESCRIPTION	PRICE (B)
1	48255-11/4	Screw, 430 SS	**3.75**
2	48223NYB	½" Upper Clamp	**2.00**
2	48221NYB	¾" Upper Clamp	**2.00**
2	48222NYB	1" Upper Clamp	**2.00**
3	7717-2/110BU	O-Ring, Buna-N	**.70**
3	7717-2/110VI	O-Ring, Viton (optional)	**1.05**
4	389422NYB	½" Split-Eyelet Body	**5.60**
4	389252NYB	¾" Split-Eyelet Body	**5.60**
4	389262NYB	1" Split-Eyelet Body	**5.60**
5	21953EPR	Diaphragm, EPDM	**.55**
5	21953VI	Diaphragm, Viton (optional)	**1.70**
6	21950-10	End Cap Assembly	**4.10**
7	389431VI	Viton Seal for Old Series	**5.50**
7	56726-VITFE	Viton-Teflon Seal for "C" Series	**6.15**
8A	389212NYB	363 Turret – 3 outlet	**5.30**
8B	389222NYB	364 Turret – 4 outlet	**5.70**
8C	389232NYB	365 Turret – 5 outlet	**6.05**
9	38931NY	E Clip	**1.70**

REF	PART	DESCRIPTION	PRICE (B)
10	7717-2/13EPR	O-Ring, EPDM Rubber	**2.60**
10	7717-2/13VI	O-Ring, Viton (optional)	**6.80**
11	7717-M28-EPR	O-Ring, EPDM	**3.65**
11	7717-M28-VI	O-Ring, Viton (optional)	**10.00**
12	38930-8-NYB	Nylon Plug (black)	**1.70**
13	7717-M28-EPR	O-Ring Dust Seal, EPR Rubber	**3.65**
13	7717-M28-VI	O-Ring Dust Seal, Viton (optional)	**10.00**
14	48256SS	Pivot Pin, 303 SS	**1.05**

To Convert Wet Boom Assemblies to Dry Boom Configurations, Use The Following Fittings With The "389252NYB" ¾" Split-Eyelet Body			
N/A	38936NY	½" Elbow	**2.70**
N/A	38938NY	¾" Elbow	**2.70**
N/A	38940NY	1" Elbow	**2.70**
N/A	38937NY	½" Tee	**3.20**
N/A	38939NY	¾" Tee	**3.20**
N/A	38941NY	1" Tee	**3.20**
N/A	38948NY	½" MNPT x ¾" Hose Shank	**3.20**

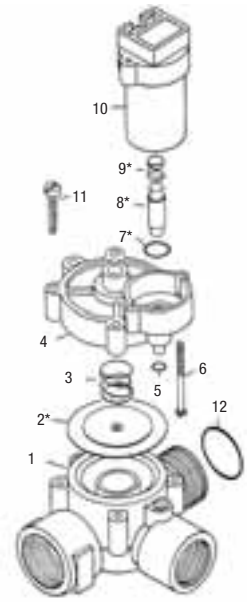
QJ24216



Parts

REF	PART	DESCRIPTION	PRICE (B)
1	2012311/4	Screw, 430 SS (for QJ242161/2 and QJ242163/4)	3.75
1	1767413/8SS	Screw, 430 SS (for QJ242161)	3.60
2	24226NYB	Upper Clamp, Nylon (Black) (for QJ242161/2)	3.25
2	24222NYB	Upper Clamp, Nylon (Black) (for QJ242163/4)	3.25
2	17553PPB	Upper Clamp, Poly (Black) (for QJ242161)	3.25
3	7717-2/110BU	O-Ring, Buna-N	.70
4	24225NY	Main Body w/Lower Clamp, Nylon (Black) (for QJ242161/2)	7.35
4	24220NY	Main Body w/Lower Clamp, Nylon (Black) (for QJ242163/4)	7.35
4	24227NY	Main Body w/Lower Clamp, Nylon (Black) (for QJ242161)	7.35
5	24221304SS	Clip, 304 SS	2.90
6	6227TEF*	Diaphragm, Teflon (optional)	.90
7	21953EPR	Diaphragm, EPDM Rubber	.55
8	21950-10	Chemsaver End Cap Assembly, Nylon (Black)	4.10
9	7717-2/109EPR	O-Ring, EPDM Rubber (3 required)	2.45
10	24224CE	Indexing Button, Celcon (Grey)	.60
11	242171CE	Indexing Plate Sub-Assembly, Celcon (Black)	12.60

*When the #6227TEF Teflon Diaphragm is used, it is placed in the assembly in front of the #21953-EPR rubber diaphagm



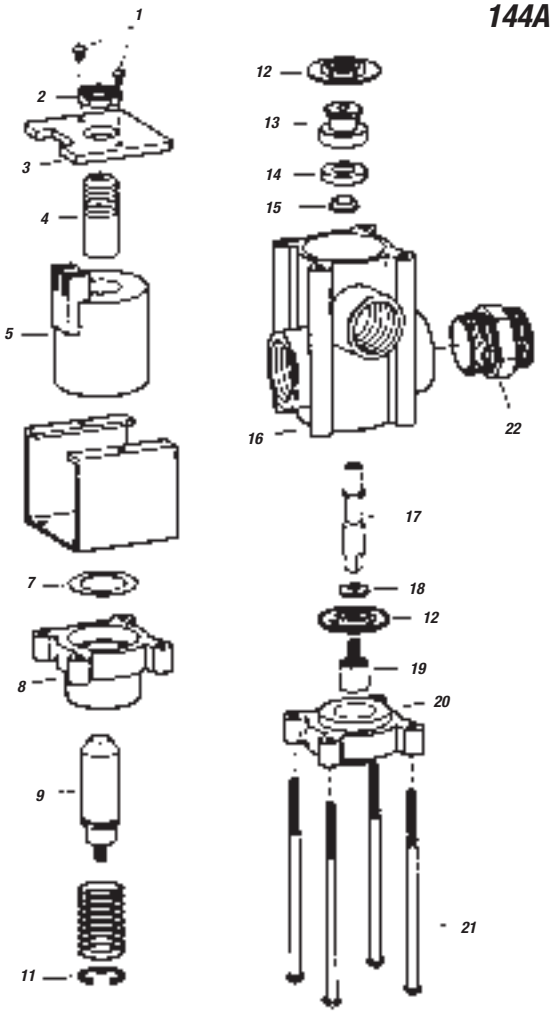
1999 Solenoid Valve

Parts

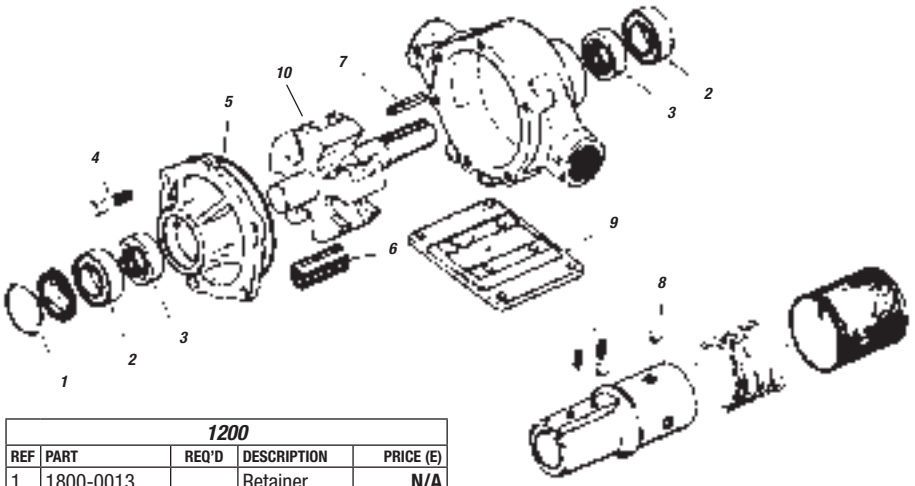
REF	PART	DESCRIPTION	PRICE (E)
1	1962	Valve Body	27.75
2*	1974 ▲●	Viton Diaphragm	36.55
3	1975	Spring	6.35
4	1963	Valve Cover	31.30
5*	1976 ▲●	Viton O-Ring	N/A
6	-	6 - 32 x 3" Screw	N/A
7*	1977 ▲●	Viton O-Ring	3.95
8*	1978 ▲	Plunger 1999	33.20
8*	2239 ●	Plunger 1999A	24.90
9	1979 ▲●	Plunger Spring	5.75
10	2613	Coil 1999	73.55
10	2515	Coil 1999A	67.25
11	-	#8 x 1 1/2" Screw	N/A
12	2168	O-Ring	2.90
▲	1999A1-KIT-OLD		75.25
●	1999A1-KIT	Repair Kit 1999A	56.45

*Parts Included in Repair Kit.

144A1



REF	PART	DESCRIPTION	PRICE (B)
1	14933SS	Screw, SS (2 required)	1.80
2	15168	Jam Nut, Steel, Electroless Nickel Plate	5.95
3	151661	Coil Cover, Steel, Epoxy Painted	5.20
4	151611	Armature Stop, Steel. Electroless Nickel Plate	12.65
5	15163NY	Coil Assembly, Nylon Encapsulated (Black)	58.30
7	15169SS	Washer, 302 SS	2.30
8	15164	Upper Diaphragm Housing, Nylon (Black), Glass Filled	6.15
9	15170	Armature, Steel, Electroless Nickel Plate	23.30
11	148131	Retaining Ring, Steel, Electroless Nickel Plate	2.30
12*	36101EPR	Diaphragm, EPDM Rubber (Standard, 2 required)	8.25
12**	36101VI	Diaphragm, Viton (Optional, 2 required)	18.60
13	14807SS	Seat Washer Retainer, SS	18.85
14*	14802EPR	Seat Washer, EPDM Rubber (Standard)	6.40
14**	14802VI	Seat Washer, Viton (Optional)	22.45
15	14811SS	Spacer, SS	5.45
16	14801PP	Body, Polyproylene (Black)	16.75
17	14812SS	Stem, SS	21.30
18	14806SS	Washer, SS	6.20
19	15162SS	Lower Diaphragm Piston, SS	11.85
20	15165NY	Lower Diaphragm Housing, Glass Filled Nylon (Black)	22.95
21	14819SS	Screw, SS (4 required)	2.10
22	21737NY	Connecting Nipple, Nylon (Black)	2.35
*	AB144A1	Repair Kit	31.65
**	AB144A1VI	Repair Kit	47.35



1200				
REF	PART	REQ'D	DESCRIPTION	PRICE (E)
1	1800-0013		Retainer	N/A
2	2001-0006	2	Bearing	20.70
3	2112-0008	2	Seal	N/A
4	2210-0019	4	Bolt	.80
5	1720-0127		O-Ring	1.85
6	1005-0006	4	Roller	N/A
7	1610-0005		Key	1.65
	3430-0374		Repair Kit	N/A
10	0300-1502C		Rotor & Shaft	282.85

1500				
REF	PART	REQ'D	DESCRIPTION	PRICE (E)
1	2300-0020		Retainer	1.50
2	2008-0001	2	Bearing	15.10
3	2112-0003	2	Viton Seal	16.60
4	2210-0005	6	Bolt	.80
5	1720-0003		O-Ring	3.00
6	1005-0005	6	Roller	8.10
7	1610-0005		Key	1.65
8	3250-0004	3	Ball	1.25
	3430-0386		Repair Kit	81.45
10	0300-1502C		Rotor & Shaft	282.85

1700				
REF	PART	REQ'D	DESCRIPTION	PRICE (E)
1	2300-0020		Retainer	1.50
2	2008-0001	2	Bearing	15.10
3	2112-0001	2	Buna Seal	15.35
3	2112-0003	2	Viton Seal	16.60
4	2210-0005	6	Bolt	.80
5	1720-0099		O-Ring	2.05
6	1005-0005	5	Roller	8.10
7	1610-0005		Key	1.65
8	3250-0004	3	Ball	1.25
	3430-0437		Repair Kit	72.50
10	0300-1700C		Rotor & Shaft	189.95

4101				
REF	PART	REQ'D	DESCRIPTION	PRICE (E)
1	2300-0021		Retainer	1.50
2	2000-0010	2	Bearing	10.10
3	2107-0002	2	Seal	10.50
4	2220-0018	4	Bolt	.95
5	1720-0104		O-Ring	1.00
6	1002-0002	4	Roller	3.40
9	3420-0024		Base Kit - Electric	40.35
9	3420-0025		Base Kit - Gas	43.95
	3430-0390		Repair Kit	36.00
10	0300-4101C		Rotor & Shaft	90.40

6500				
REF	PART	REQ'D	DESCRIPTION	PRICE (E)
1	2300-0021		Retainer	1.50
2	2000-0010	2	Bearing	10.10
3	2107-0002	2	Seal	10.50
4	2210-0004	4	Bolt	.95
5	1720-0008		O-Ring	1.55
6	1005-0004	6	Roller	3.85
8	3250-0004	3	Ball	1.25
9	3420-0023		Base Kit	34.25
	3430-0380		Repair Kit	42.40

7700				
REF	PART	REQ'D	DESCRIPTION	PRICE (E)
1	2300-0020		Retainer	1.50
2	2008-0001	2	Bearing	15.10
3	2112-0001	2	Buna Seal	15.35
3	2112-0003	2	Viton Seal	16.60
4	2210-0004	4	Bolt	.95
5	1720-0014		O-Ring	2.25
6	1005-0004	7	Roller	3.85
7	1610-0005		Key	1.65
8	3250-0004	3	Ball	1.25
9	3420-0010		Base Kit	47.00
	3430-0381		Repair Kit	61.30
10	0300-7700C		Rotor	169.50

7560				
REF	PART	REQ'D	DESCRIPTION	PRICE (E)
1	2300-0020		Retainer	1.50
2	2008-0001	2	Bearing	15.10
3	2112-0001	2	Buna Seal	15.35
3	2112-0003	2	Viton Seal	16.60
4	2210-0004	4	Bolt	.95
5	1720-0014		O-Ring	2.25
6	1005-0004	8	Roller	3.85
7	1610-0005		Key	1.65
8	3250-0004	3	Ball	1.25
9	3420-0003		Base Kit	54.15
	3430-0381		Repair Kit	61.30
10	0308-7560C		Rotor	133.80

Die Cast Couplers

- 1321-0006: 1 3/8" (6 Spline) PTO (I.D.), 5/8" Shaft, 540 RPM
- 1321-0007: 1 3/8" (6 Spline) PTO (I.D.), 15/16" Shaft, 540 RPM
- 1321-0008: 1 3/8" (21 Spline) PTO (I.D.), 5/8" Shaft, 1,000 RPM
- 1321-0009: 1 3/8" (21 Spline) PTO (I.D.), 15/16" Shaft, 1,000 RPM
- 1321-0012: 1 3/8" (Multi-Speed) PTO (I.D.), 5/8" Shaft, 540/1,000 RPM
- 1321-0013: 1 3/8" (Multi-Speed) PTO (I.D.), 15/16" Shaft, 540/1,000 RPM

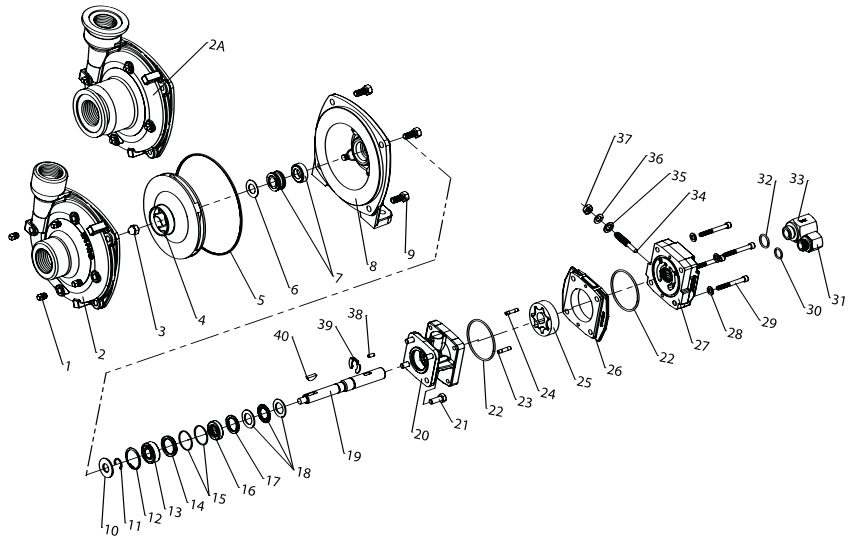
PART	DESCRIPTION	PRICE (E)
1321-0006	For 6500	50.30
1321-0007	For 1500, 1700, 7560, 7700	54.65
1321-0008	For 4000, 6500	61.05
1321-0009	For 1500, 1700, 7560	59.75
1321-0012	For 4000, 6500	49.30
1321-0013	For 1500, 7560, 7700	52.35

Forged Steel Couplers

- 1323-0072: 1 3/8" (6 Spline) PTO (I.D.), 15/16" Shaft, 540 RPM
- 1323-0073: 1 3/8" (21 Spline) PTO (I.D.), 15/16" Shaft, 1,000 RPM
- 1323-0074: 1 3/8" (6 Spline) PTO (I.D.), 5/8" Shaft, 540 RPM
- 1323-0075: 1 3/8" (21 Spline) PTO (I.D.), 5/8" Shaft, 1,000 RPM
- 1323-0076: 1 3/8" (Multi-Speed) PTO (I.D.), 15/16" Shaft, 540/1,000 RPM
- 1323-0077: 1 3/8" (Multi-Speed) PTO (I.D.), 5/8" Shaft, 540/1,000 RPM

PART	DESCRIPTION	PRICE (E)
1323-0072	For 1500, 1700, 7560, 7700	59.25
1323-0073	For 1500, 1700, 7560	64.10
1323-0074	For 6500	58.75
1323-0075	For 4000, 6500	59.25
1323-0076	For 1500, 1700, 7560	59.25
1323-0077	For 4000,6500	59.25

HYPRO®



Hypro 9303C and 9303S Series Centrifugal Pump Parts – Please Use Part Number When Ordering and Note Quantity Required.

REF #	QTY. REQ'D	PART	DESCRIPTION	PRICE(E)
1	4	2406-0007	Drain/Vent Plug (9303C)	**1.00**
1	4	2406-0016	Drain/Vent Plug (9303S)	**8.15**
2	1	0150-9000C	Pump Casing (model 9303C)	**221.60**
2	1	0150-9000S	Pump Casing (model 9303S)	**607.55**
2A	1	0153-9000C	Pump Casing (Universal Flange Model C-U	**229.75**
3	1	2253-0002	Impeller Nut (9303C)	**5.45**
3	1	2253-0006	Impeller Nut (9303S)	**24.85**
4	1	0401-9100P	Impeller (Nylon standard 9303C)	**46.50**
4	1	0402-9100P	Impeller (Polypropylene Optional (Std 9303S)	**51.10**
5	1	1720-0083	O-ring	**3.35**
6	1	1700-0100	Gasket	**4.60**
7	1	2120-0009	Mechanical Seal (Viton/Ceramic)(Std. 9303C)	**47.00**
7	1	3430-0589	Mechanical Seal (Silicon Carbide)(Std. 9303S)	**214.50**
8	1	0750-9300C	Mounting Flange (9303C)	**124.45**
8	1	0756-9300S	Mounting Flange (9303S)	**760.70**
9	4	2210-0020	Hex Head Cap Screw (9303C)	**.95**
9	4	2210-0125	Hex Head Cap Screw (9303S)	**1.75**
10	1	1410-0056	Slinger Ring	**1.25**
11	1	1810-0014	Snap Ring	**1.05**
12	1	1820-0013	Retaining Ring	**1.20**
13	1	2000-0010	Ball Bearing	**10.10**
14	1	1410-0131	Cartridge, Front	**11.25**
15	2	1720-0268	O-ring	**1.30**
16	1	2104-0010	Lip Seal (only sold in Parts Kit 3430-0748)	**N/A**
17	1	1410-0130	Seal Spacer	**6.15**
18	1	2029-0014	Thrust Bearing Assembly	**28.35**
19	1	0531-2500	Shaft (HM2C/HM4C)	**259.35**
19	1	0533-2500	Shaft (HM1C/HM5C)	**165.70**
19	1	0536-2500	Shaft (HM3C)	**319.60**
20	1	0150-2500C	Motor Body (includes needle bearing)	**137.85**
21	4	2210-0005	Hex Head Cap Screw	**.80**
22	2	1720-0110	O-ring	**1.20**
23	1	1600-0045	Dowel Pin (HM2C/HM4C)	**13.80**
23	1	1600-0044	Dowel Pin (HM1C/HM5C)	**17.40**
23	1	1600-0052	Dowel Pin (HM3C)	**24.80**

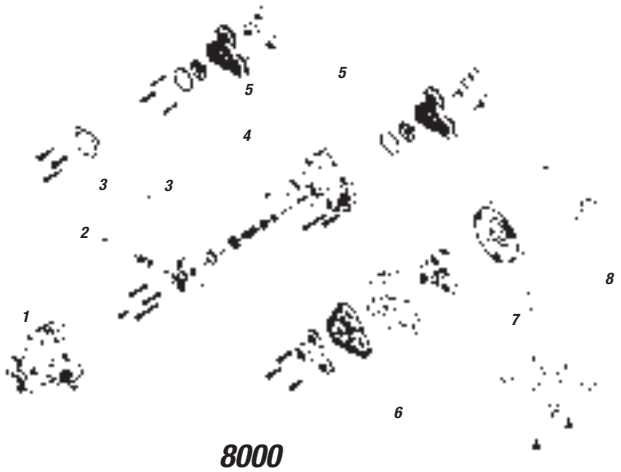
REF #	QTY. REQ'D	PART	DESCRIPTION	PRICE(E)
24	1	1600-0042	Dowel Pin (HM2C/HM4C)	**13.80**
24	1	1600-0037	Dowel Pin (HM1C/HM5C)	**17.40**
24	1	1600-0068	Dowel Pin (HM3C)	**11.25**
25	1	3900-0022	Gerotor (HM1C)	**177.70**
25	1	3900-0023	Gerotor (HM2C)	**162.35**
25	1	3900-0024	Gerotor (HM3C)	**226.70**
25	1	3900-0025	Gerotor (HM4C)	**174.65**
25	1	3900-0048	Gerotor (HM5C)	**180.75**
26	1	0701-2500C	Gerotor Housing (HM2C models) ¼" wide	**111.50**
26	1	0700-2500C1	Gerotor Housing (HM1C models) ½" wide	**113.35**
26	1	0703-2500C1	Gerotor Housing (HM4C models) 5/16" wide	**108.25**
26	1	0702-2500C1	Gerotor Housing (HM3C models) 1" wide	**176.65**
26	1	0704-2500C1	Gerotor Housing (HM5C models) 5/8" wide	**138.90**
27	1	0254-2500C2	Motor End Plate (includes needle bearing)	**132.75**
28	4	2270-0039	Washer	**1.00**
29	4	2220-0045	Cap Screw (HM2C/HM4C models)	**1.45**
29	4	2220-0021	Cap Screw (HM1C models)	**1.75**
29	4	2220-0044	Cap Screw (HM3C models)	**3.05**
29	4	2220-0032	Cap Screw (HM5C models)	**4.10**
30	1	1720-0108	O-ring	**1.05**
31	1	3360-0021A	Pressure Port Adapter (includes o-ring)	**21.45**
32	1	1720-0262	O-ring (included with 3320-0051A)	**N/A**
33	1	3320-0051A	Tank Port Adapter (includes o-ring)	**40.10**
34	1	3220-0029	Bypass Adjusting Screw	**8.35**
35	1	1700-0047	Gasket	**4.00**
36	1	2270-0027	Washer	**1.75**
37	1	2250-0038	Lock Nut	**1.00**
38	1	1610-0032	Roll Pin (HM2C/HM4C)	**7.50**
38	1	1610-0031	Roll Pin (HM1C/HM5C)	**4.25**
38	1	1610-0055	Roll Pin (HM3C)	**25.55**
39	1	1810-0026	Snap Pin	**1.05**
40	1	1610-0012	Woodruff Key (9303C)	**1.25**
40	1	04432-SHW	Woodruff Key (9303S)	**7.00**

Hypro 9303C and 9303S Series Kits and Hydraulic Motors

PART	DESCRIPTION	PRICE(E)
3430-0332	Repair Kit – contains: One o-ring (ref 5), one rubber gasket (ref 6), one mechanical seal (ref 7).	**53.55**
3430-0589	Silicon Seal Kit – contains pump casing O-ring and mechanical seal.	**214.50**
3430-0187	Adapter Kit (HM2 and HM4 Models Only) – contains: 3360-0021 Pressure Port Adapter, 3373-0020 (size #1), 3373-0021 (size #2) 3373-0022 (size #3), 1720-0108 Adapter O-ring, and 1720-0105 Orifice O-ring (Qty 3).	**22.75**
3430-0748	Parts Kit – contains one each of ball bearing (ref 13), motor shaft seal (ref 16), thread seal gasket (ref 35), two cartridge o-rings (ref 15), and washer (ref 36); and two each of motor housing o-rings (ref 22), and port adapter o-rings (ref 30 and 32).	**82.65**

PART	DESCRIPTION	PRICE(E)
2500-0081C	Hydraulic Motor (HM1C)	**822.10**
2500-0082C	Hydraulic Motor (HM2C)	**822.10**
2500-0083C	Hydraulic Motor (HM3C)	**1083.15**
2500-0084C	Hydraulic Motor (HM4C)	**822.10**
2500-0085C	Hydraulic Motor (HM5C)	**822.10**

12 V Pump Parts



8000

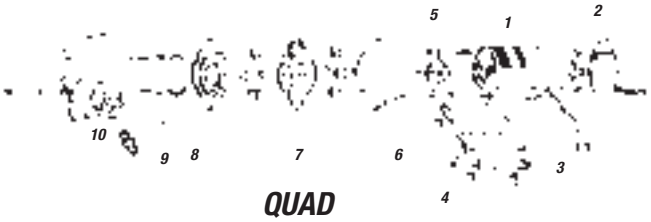
2088

Shurflo 8000 Series 12 V Pump Parts

REF	PART	DESCRIPTION	PRICE (F)
1	-	Complete Pump	**CALL**
2	94-375-05	Switch Kit 60 PSI	**27.05**
3	94-374-05	Check Valve Assembly Viton	**11.10**
4	94-379-00	Upper Housing	**18.95**
5	94-391-09	By-Pass Valve Kit	**47.15**
5	94-390-05	Valve Kit Viton	**39.50**
6	94-395-05	Diaphragm Viton	**54.05**
6	94-395-06	Diaphragm Santoprene	**18.75**
7	94-385-03	Drive Assembly	**24.50**
8		Motor 12 V	**N/A**

Shurflo 2088 Series 12 V Pump Parts

REF	PART	DESCRIPTION	PRICE (F)
1	-	Complete Pump	**CALL**
2	94-231-30	Upper Housing	**15.75**
3	94-230-36	Switch Assembly	**24.05**
4	94-237-05	Check Valve Assembly	**22.65**
5	94-232-05	Valve Assembly	**47.80**
6	94-238-03	Diaphragm Santoprene	**34.40**
7		Motor 12 V	**N/A**



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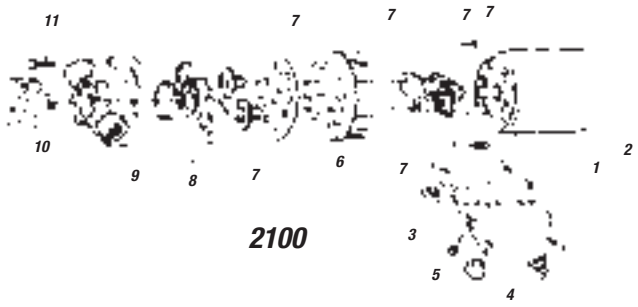


2100

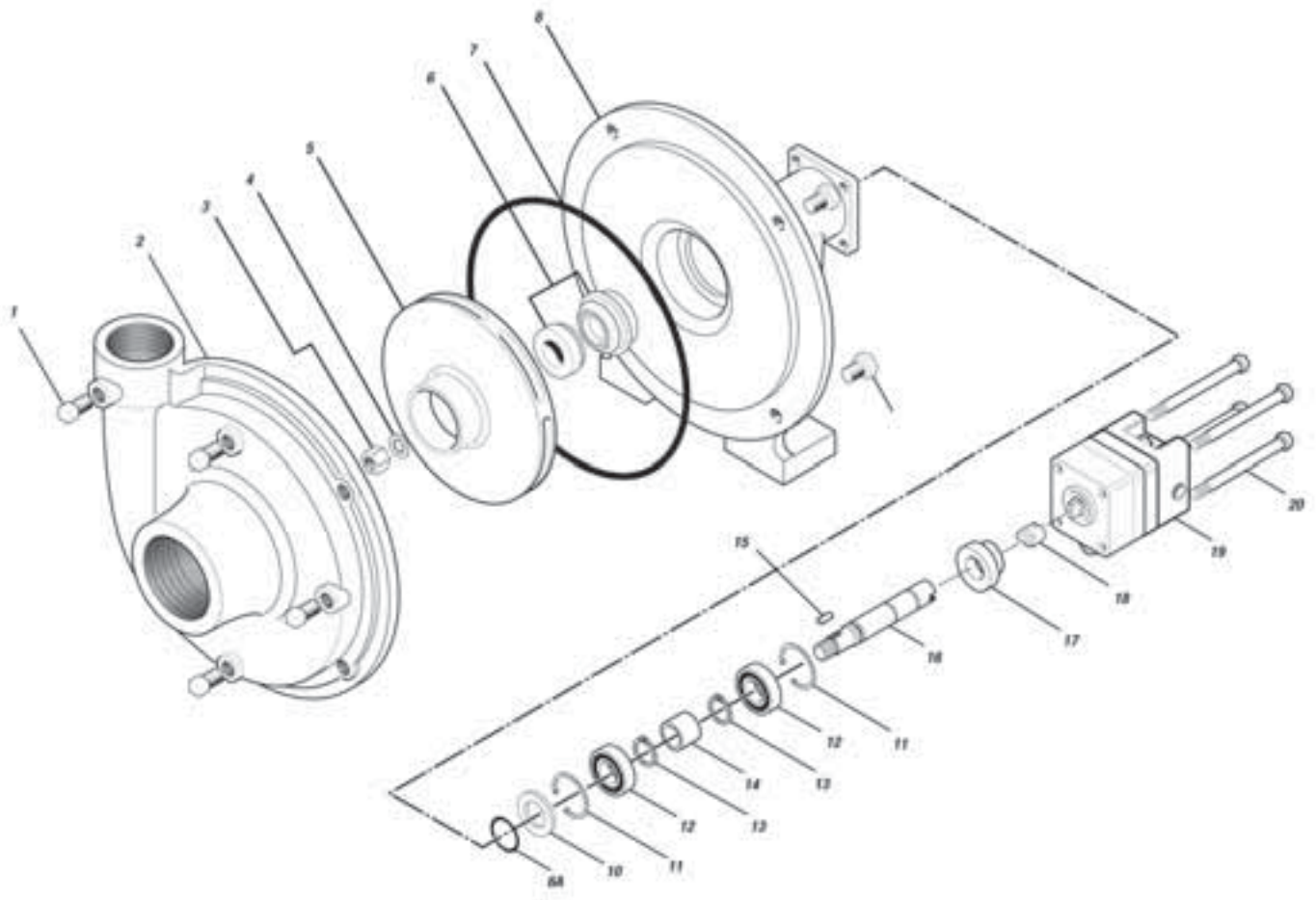
FloJet Quad Series 12 V Pump Parts

REF	PART	DESCRIPTION	PRICE (F)
1	02009-027	12 V Motor	**N/A**
2	20132-005	Fan/Shroud Kit	**CALL**
3	11028-101	Baseplate Kit with Grommets, Screws	**CALL**
4	20132-000	Grommet Set of 4	**CALL**
5	20400-002	Cam/Bearing Kit with Set Screw	**CALL**
6	20401-000	Bearing Cover	**CALL**
7	20403-040	Repair Kit	**CALL**
8	20407-030	Valve Kit EPDM	**CALL**
8	20407-020	Valve Kit Viton	**CALL**
9	20381-002	Port Kit 1/2" Set of 2	**CALL**
9	20381-000	1/2" NPTM Adapter 2/pkg	**CALL**
9	20381-006	3/4" Hose Barb 2/pkg	**CALL**
10	20404-001	Housing with Switch	**CALL**

FloJet 2100 Series 12 V Pump Parts

REF	PART	DESCRIPTION	PRICE (F)
1	02009-004	12 v Motor	**N/A**
2	20115-229	Brush Assembly	**N/A**
3	11028-101	Base Plate	**CALL**
4	20132-000	Grommets (set of 4)	**CALL**
5	11028-101	Base Assembly with Grommets, Screws	**CALL**
6	20428-100	Bearing Cover	**CALL**
7	21004-402	Complete Kit with Screws	**CALL**
7	21004-102	Viton Kit with Bearing, Screws	**CALL**
7	21010-001	Viton Kit with Screws	**CALL**
8	20028-014	Valve Set Buna (2100-907)	**CALL**
8	20028-008	Standard Kit Santoprene	**CALL**
8	20028-035	Valve Kit Viton (2100-573)	**CALL**
9	20500-507	Pump Housing Poly	**CALL**
10	02095-100	Pressure Switch 60 PSI	**CALL**
11	20131-001	Pump Screw 6 Required	**CALL**

FMC-150-HYD-206



FMC-150-HYD-206

REF	PART	EDP #	DESCRIPTION	REQ'D	PRICE(E)
1	BAC53	41110	Pipe Plug	4	.60
2	BAC12150	40255	Volute, 1½'' x 1¼''		287.35
3	BAC23A	40391	Nut, ⅜'' NF, cad plated		2.80
4	BAC24HYDSS	40400	Washer, ⅜'' star, stainless steel		1.70
5	BAC26150P	40446	Impeller, Valox, keyway		85.10
5	BAC26150CI	40445	Impeller, cast iron, keyway (optional)		198.95
6*	BAC7V	40151	Seal, mechanical, Viton, includes 40160 O-Ring, (optional)		49.75
6	BAC7SC	40152	Seal, mechanical, silicon carbide, includes 40160 O-Ring, (optional)		176.85
7*	BAC4150	40015	O-Ring, body seal		7.75
8	BAC14150HYD	40305	Mounting frame (for 200 Series hydraulic motor)		375.75
10	BAC54	41130	Slinger		1.70
11	BAC33	40810	Snap ring, internal, BAC-14 mounting frame	2	2.25
12	BAC37	40870	Ball Bearing, sealed, BAC-6 shaft	2	22.15
13	BAC32	40790	Snap ring, external, BAC-6 shaft	2	.60
14	BAC32S	40795	Spacer for BAC-6 shaft		6.65
15	BACH25	40420	Key, ⅛'' x ⅛'' x ½''		1.15
16	BAC6HYDSS	40061	Shaft, ⅝'' diameter, keyway and tangs lot, stainless steel (optional)		110.55
17	S200	40161	Seal support spacer for 200 Seales HYD motor, effective 6/00		6.65
18	BAC76HYD	41380	Coupling for hydraulic motor		30.95
19	BAC75HYD206	41372	Hydraulic motor, 7 GPM		640.95
20	41258	41258	Cap screw, 5/16'' N.C. x 3'' Hex head (for 206 motor)	4	2.25
	RKFMC150	52710	Repair Kit for FMC-150 Series pump		57.50
	RKBAC75HYDL	41374	Repair Kit for 200-L Series motor		60.25

*Denotes parts included in repair kit.

The Even-Spray Team

Our Company

Even-Spray and Chemicals Limited is a privately owned and Canadian based distributor of agricultural, horticultural, turf, and landscape products. Our products are commonly used in the production of food, flowers, and the enhancement of green space. We hope this catalogue has given you a good indication of the type and scope of products offered by Even-Spray. We are here to serve you!

Our Resources

Even-Spray and Chemicals is situated in Winnipeg, Manitoba, Canada, where we operate an up-to-date warehouse and office facility. This 17,000 sq.ft. facility includes warehousing, retail sales, office, and maintenance areas. Even-Spray maintains a dealer network of over 200 dealers throughout Canada.

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- Aquatrols water management chemicals
- Arbrux Water Fountains, Aerators
- Banjo pumps and fittings
- Bayco Golf Accessories
- Biobest Biological Pest Control
- Boss safety equipment
- Chapin sprayers
- Combo-jet / Wilger sprayer components
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- Subject to change without notice.
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- All prices are Freight on Board (F.O.B.) our warehouse.

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- ALL Chemical sales are final – NO returns will be accepted.
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- Special orders are not returnable.
- Contact order desk (204.237.9095, Fax 204.231.0710) for RGA number.
- RGA items to be shipped freight prepaid to Even-Spray.
- Goods should be in original packaging and in re-salable condition.
- Information such as invoice or sales order number will help expedite the return process.

Warranty: All products being shipped to Even-Spray & Chemicals for warranty assessment MUST be sent PREPAID to our Winnipeg warehouse. Products shipped collect to Even-Spray without prior approval will be refused.

Shipping: Orders received by 2:00 PM Manitoba time will be shipped same day providing stock and freight carrier is available. Even-Spray will ship via the appropriate carrier prepaid and charge on invoices, unless specified by the customer.

www.EvenSpray.com

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